

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
Data File : BF139704.D
Acq On : 08 Oct 2024 11:06
Operator : RC/JU
Sample : PB163910TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163910TB

Quant Time: Oct 08 11:41:20 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	6.869	152	89827	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	338052	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	194893	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	382271	20.000	ng	0.00
76) Chrysene-d12	14.033	240	263260	20.000	ng	0.00
86) Perylene-d12	15.504	264	196455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	752011	145.103	ng	0.02
7) Phenol-d6	6.504	99	992637	142.426	ng	0.00
23) Nitrobenzene-d5	7.434	82	653408	97.861	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	263873	140.255	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1193629	94.023	ng	0.00
79) Terphenyl-d14	12.980	244	1461389	91.085	ng	0.00

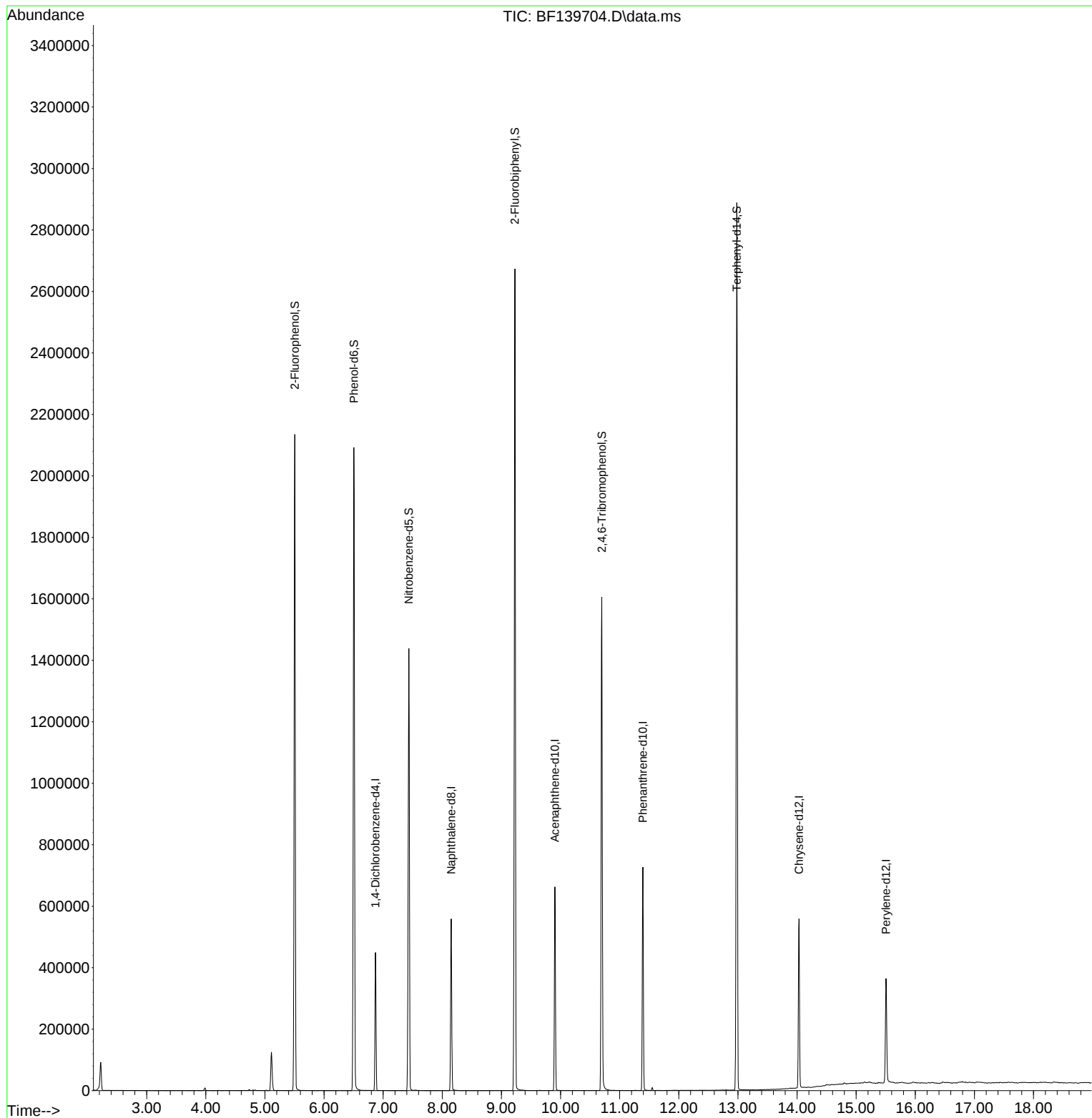
Target Compounds	Qvalue

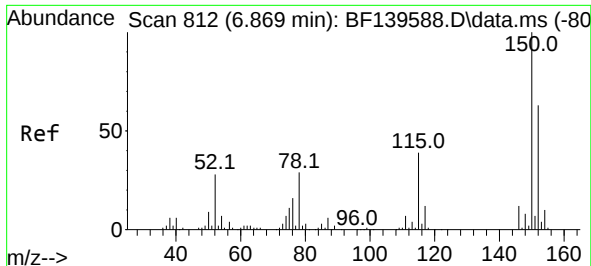
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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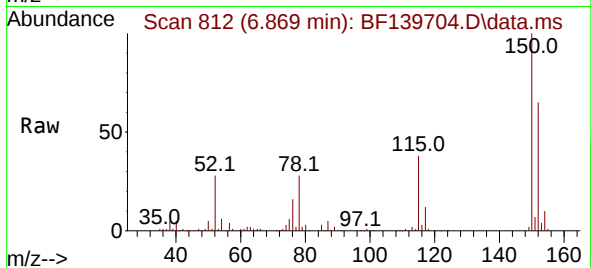
Quant Time: Oct 08 11:41:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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QLast Update : Wed Oct 02 04:58:47 2024
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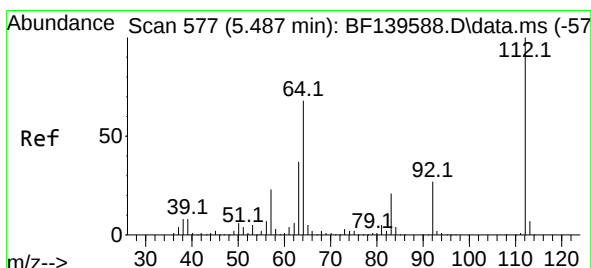
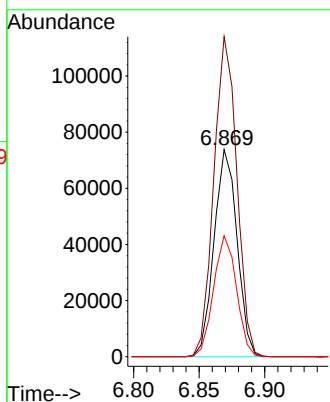
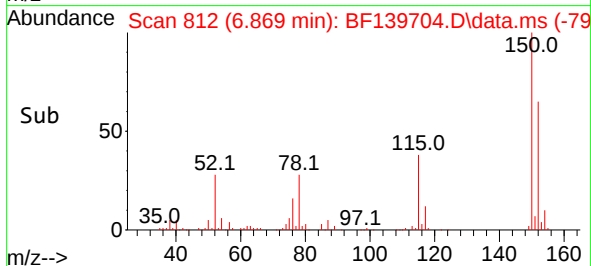


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Instrument :
BNA_F
ClientSampleId :
PB163910TB

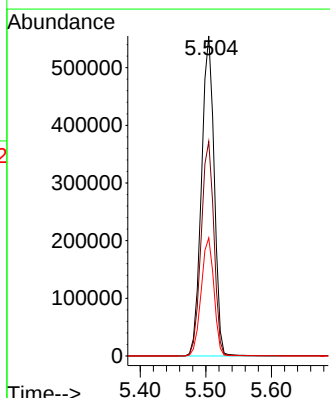
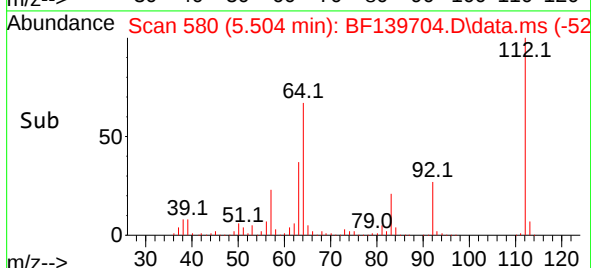
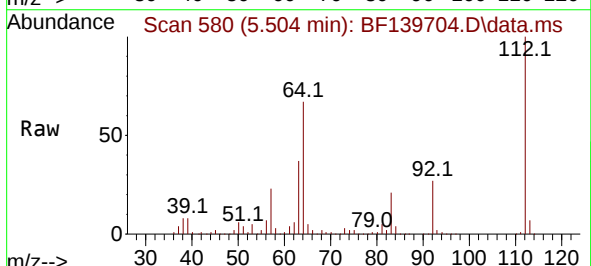


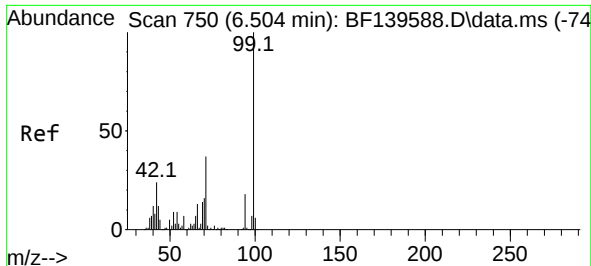
Tgt Ion:152 Resp: 89827
Ion Ratio Lower Upper
152 100
150 154.5 127.2 190.8
115 58.4 49.0 73.4



#5
2-Fluorophenol
Concen: 145.103 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Tgt Ion:112 Resp: 752011
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.9 29.4 44.2

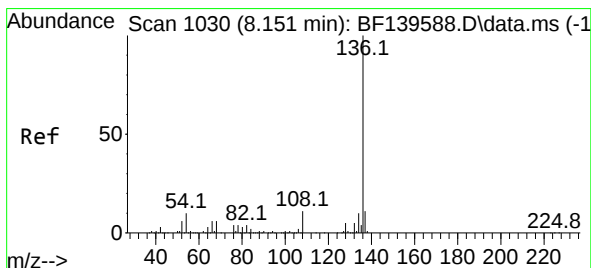
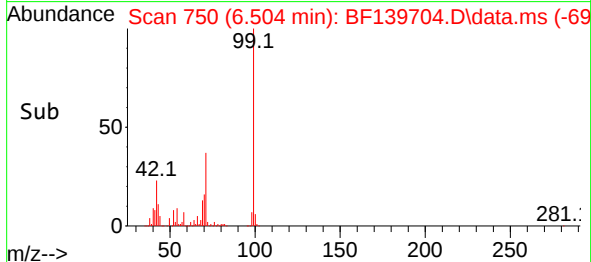
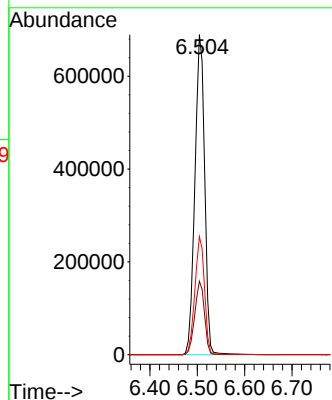
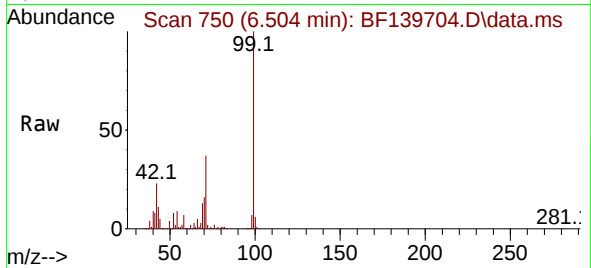




#7
Phenol-d6
Concen: 142.426 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

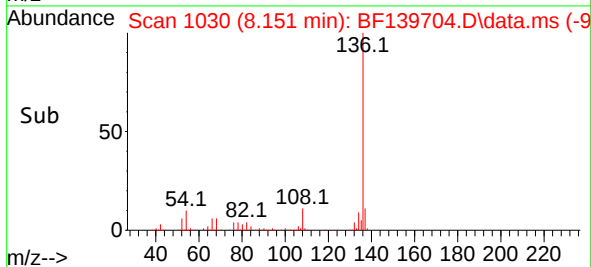
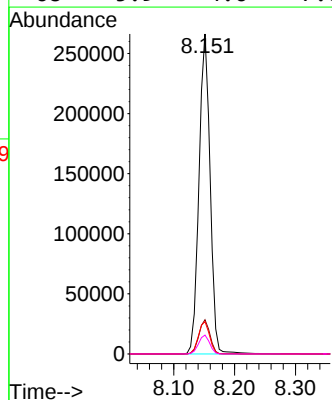
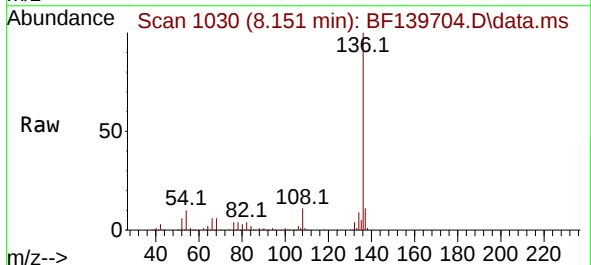
Instrument :
BNA_F
ClientSampleId :
PB163910TB

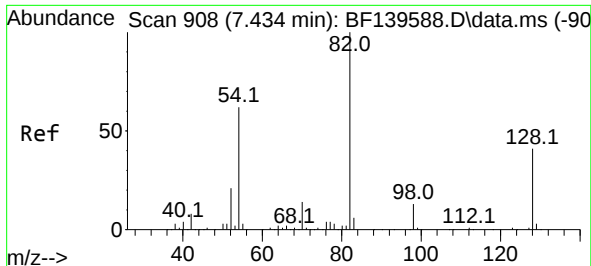
Tgt Ion: 99 Resp: 992637
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.8 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Tgt Ion: 136 Resp: 338052
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.1 8.3 12.5
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 97.861 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB163910TB

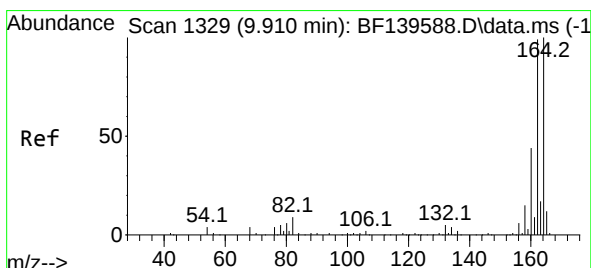
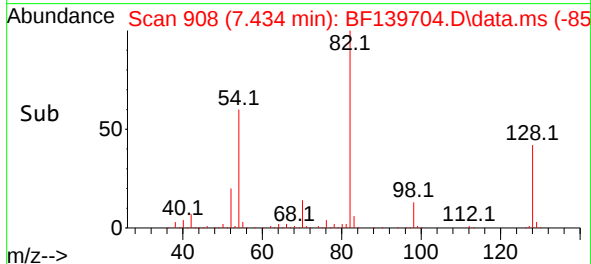
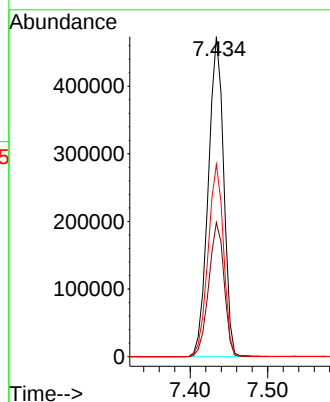
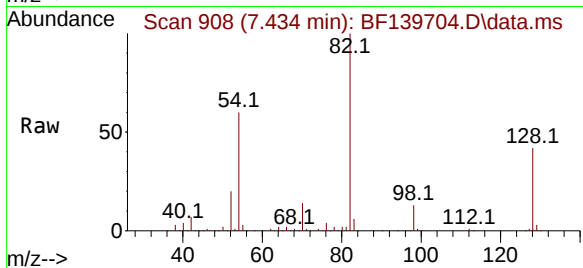
Tgt Ion: 82 Resp: 653408

Ion Ratio Lower Upper

82 100

128 42.0 32.4 48.6

54 60.0 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

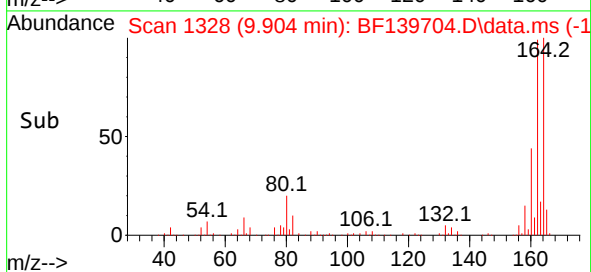
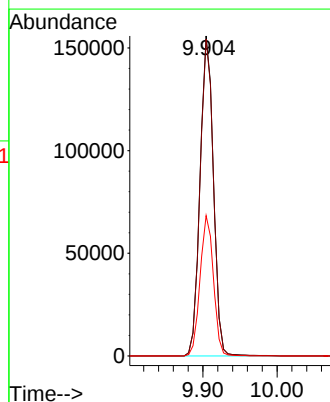
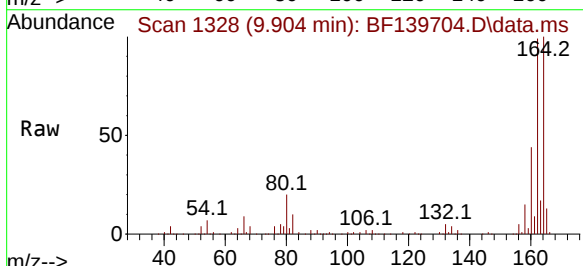
Tgt Ion:164 Resp: 194893

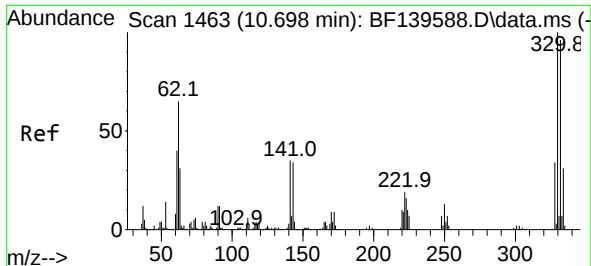
Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.0

160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 140.255 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139704.D

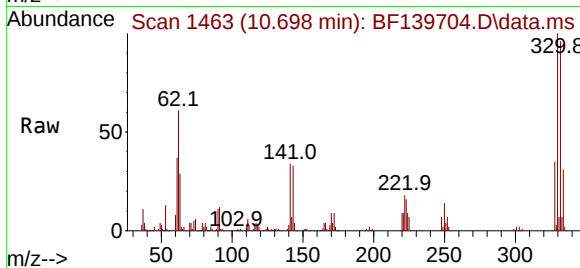
Acq: 08 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB163910TB



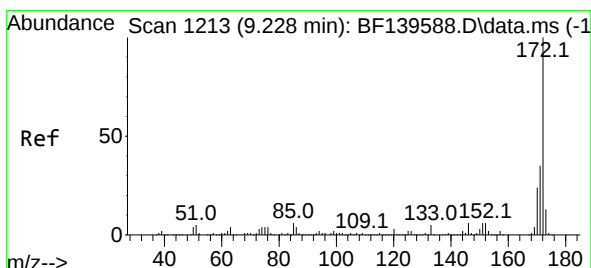
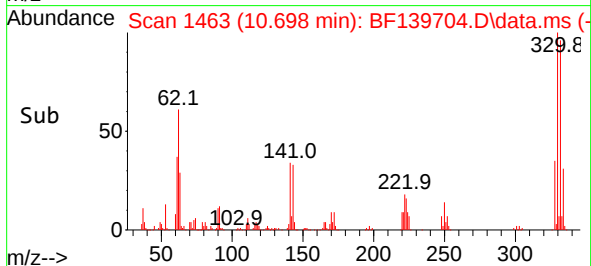
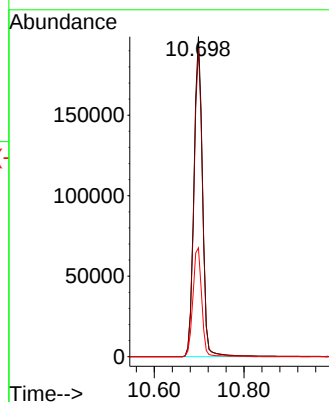
Tgt Ion:330 Resp: 263873

Ion Ratio Lower Upper

330 100

332 96.2 76.5 114.7

141 35.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 94.023 ng

RT: 9.228 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

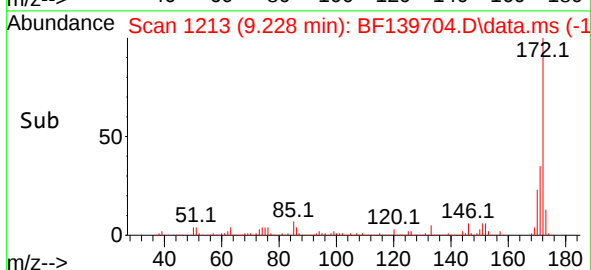
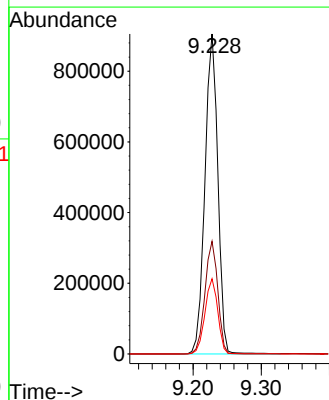
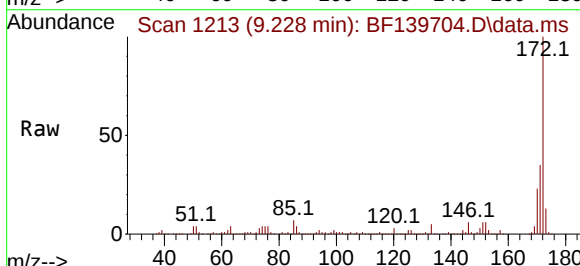
Tgt Ion:172 Resp: 1193629

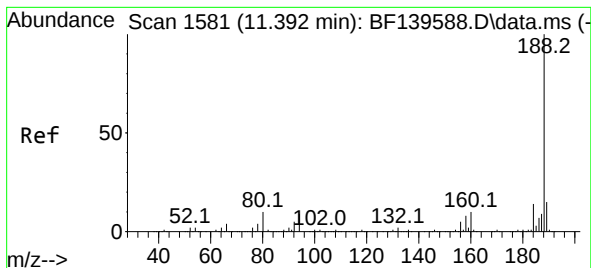
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB163910TB

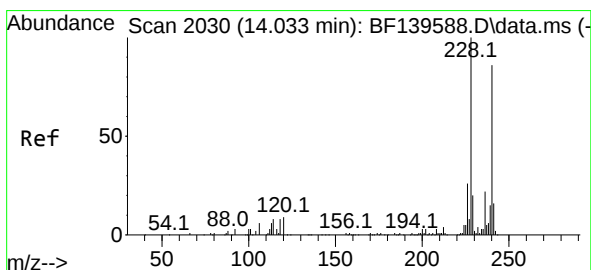
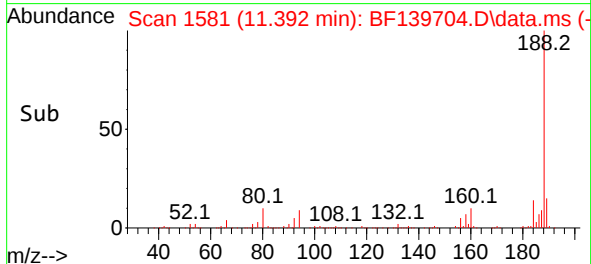
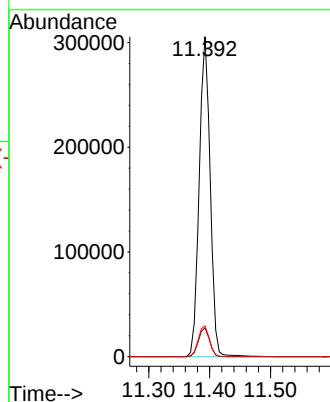
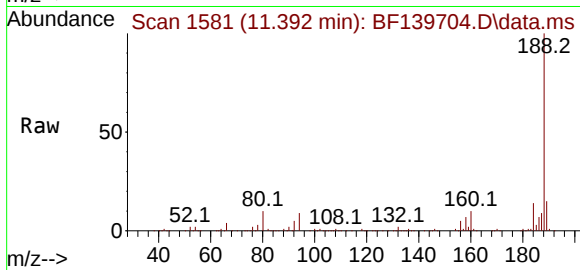
Tgt Ion:188 Resp: 382271

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.6 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

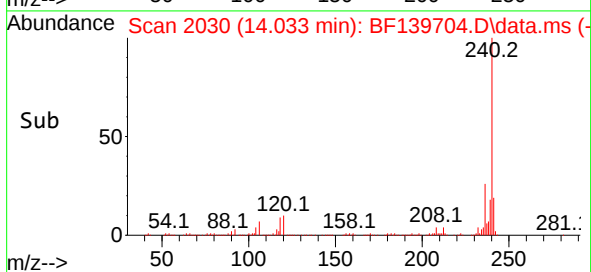
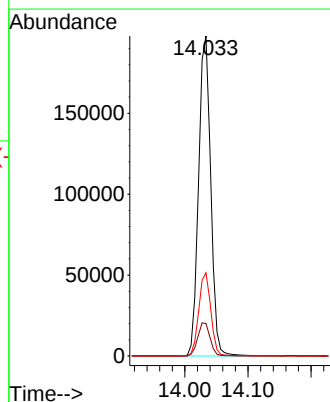
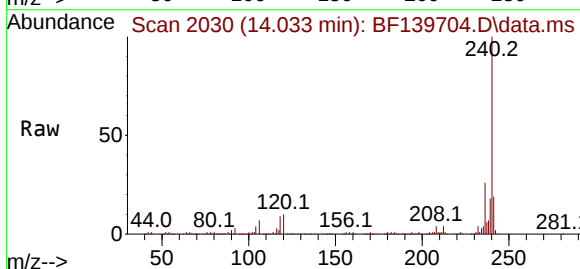
Tgt Ion:240 Resp: 263260

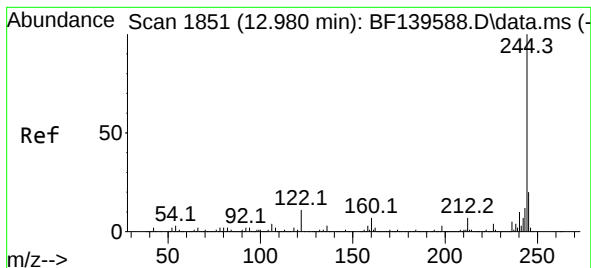
Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 91.085 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB163910TB

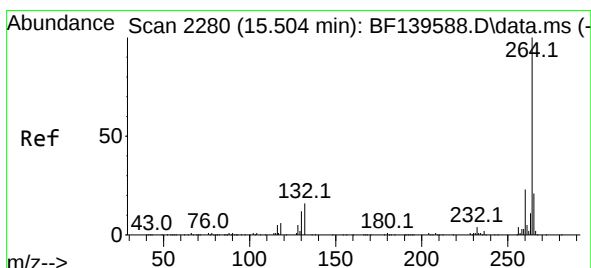
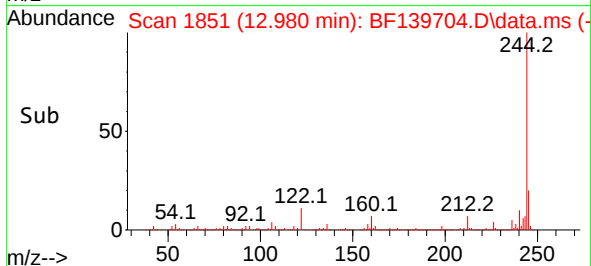
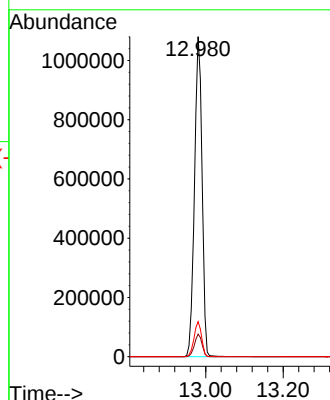
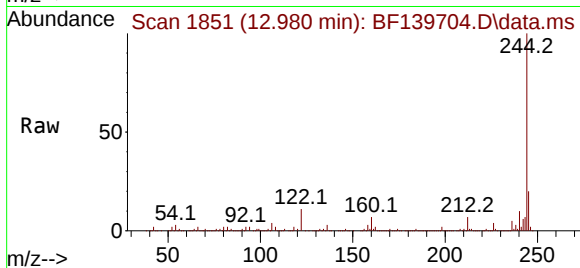
Tgt Ion:244 Resp: 1461389

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

Tgt Ion:264 Resp: 196455

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.5 16.9 25.3

