

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
 Data File : BF139702.D
 Acq On : 08 Oct 2024 10:10
 Operator : RC/JU
 Sample : PB163952BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163952BL

Quant Time: Oct 08 11:37:48 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	98695	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	381324	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	220064	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	429568	20.000	ng	0.00
76) Chrysene-d12	14.033	240	288229	20.000	ng	0.00
86) Perylene-d12	15.509	264	223739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	743527	130.575	ng	0.02
7) Phenol-d6	6.510	99	972326	126.977	ng	0.00
23) Nitrobenzene-d5	7.434	82	641267	85.144	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	261354	123.027	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1182533	82.494	ng	0.00
79) Terphenyl-d14	12.980	244	1430162	81.416	ng	0.00

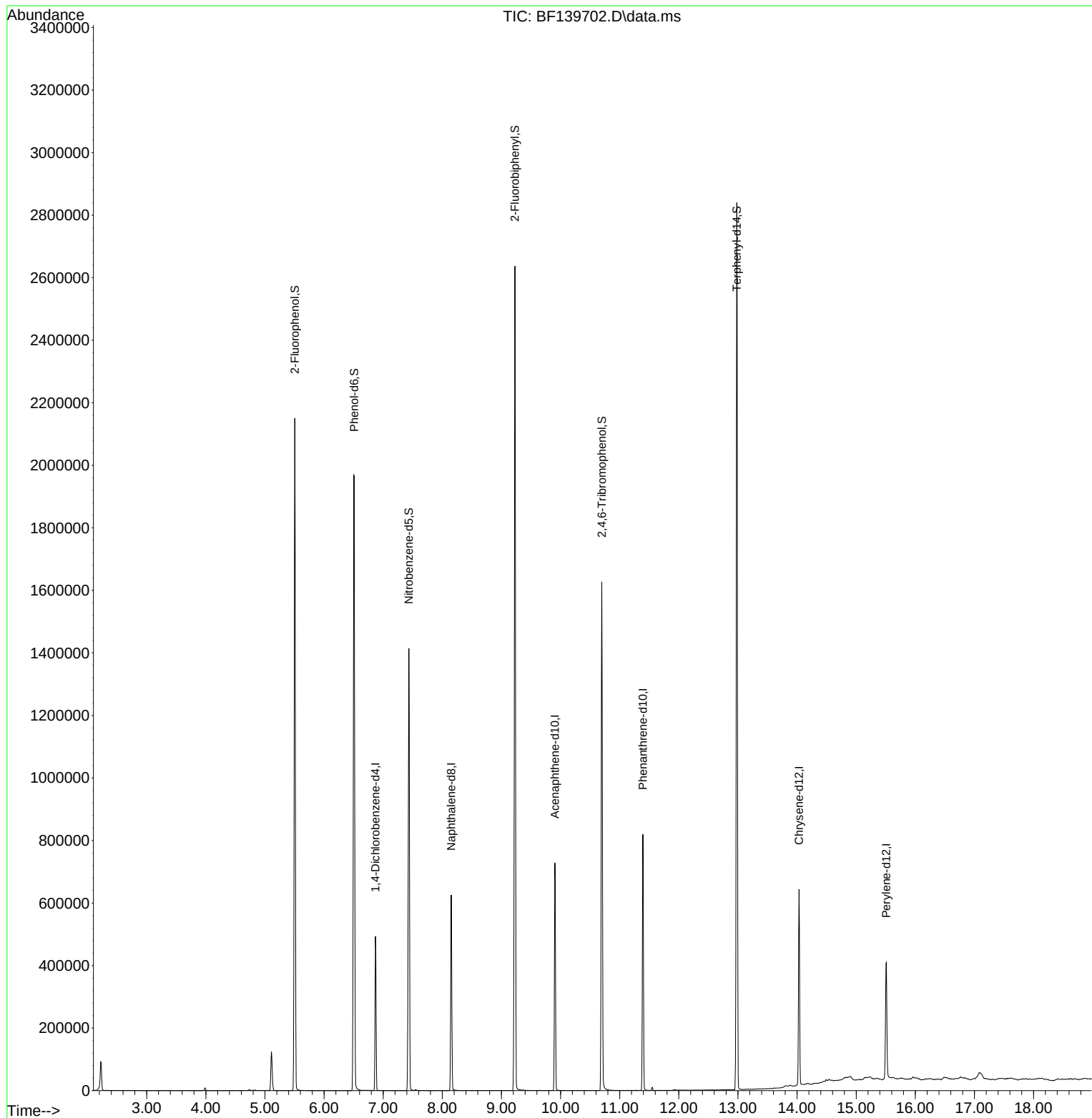
Target Compounds	Qvalue

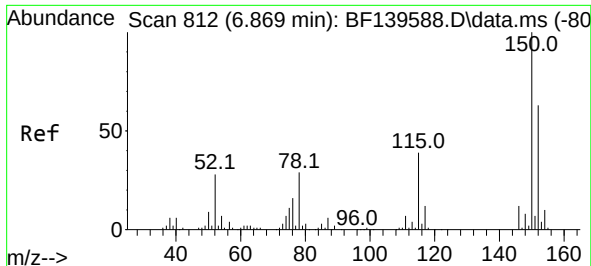
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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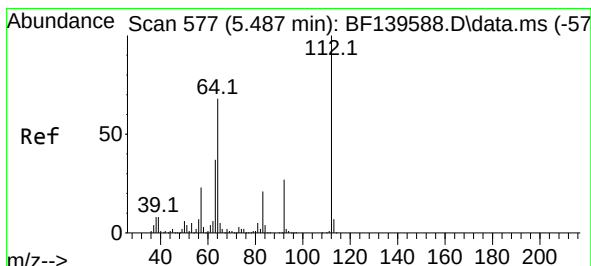
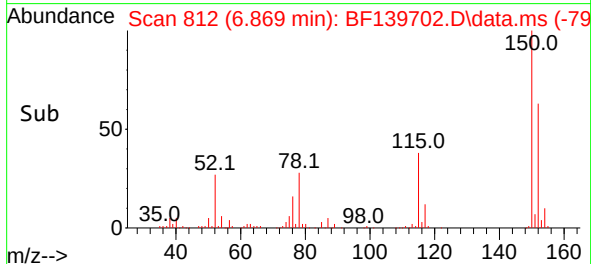
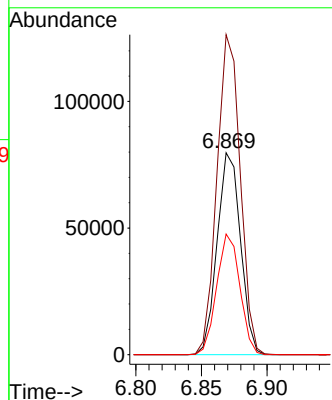
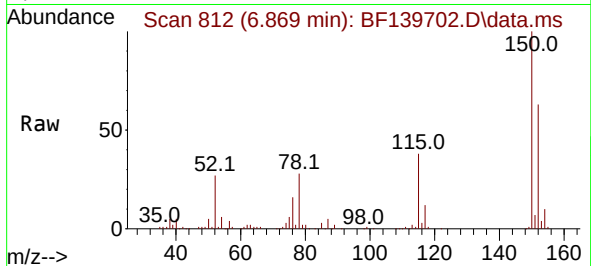




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

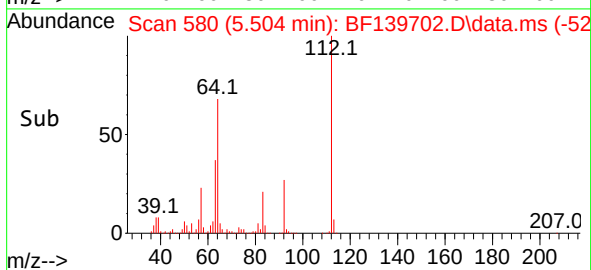
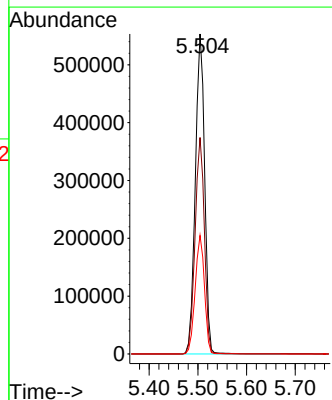
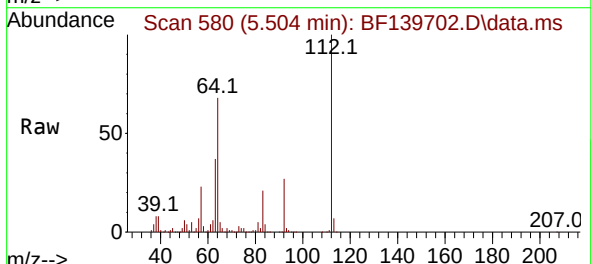
Instrument :
BNA_F
ClientSampleId :
PB163952BL

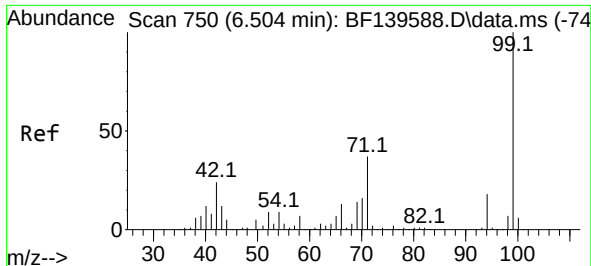
Tgt Ion:152 Resp: 98695
Ion Ratio Lower Upper
152 100
150 158.5 127.2 190.8
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 130.575 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Tgt Ion:112 Resp: 743527
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 37.1 29.4 44.2

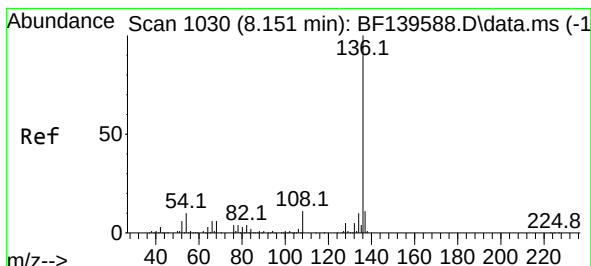
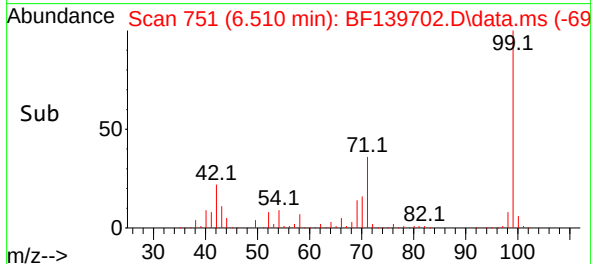
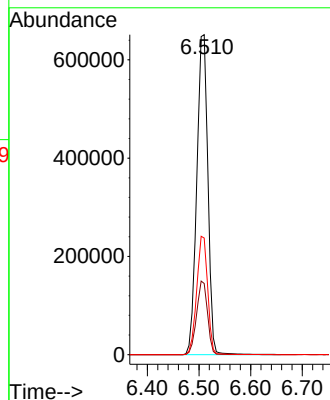
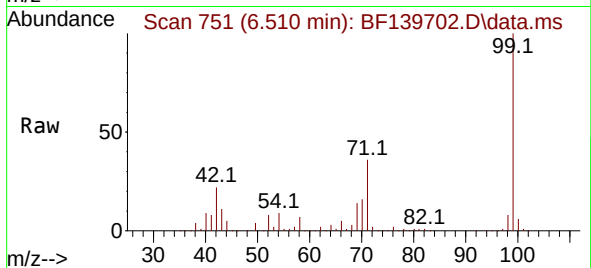




#7
Phenol-d6
Concen: 126.977 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

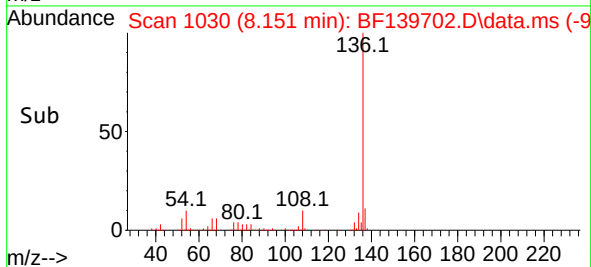
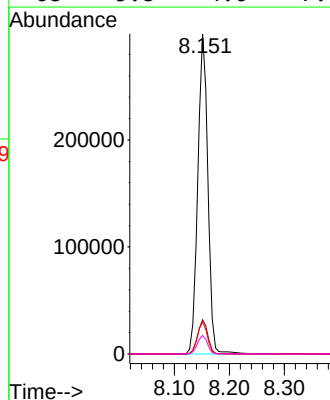
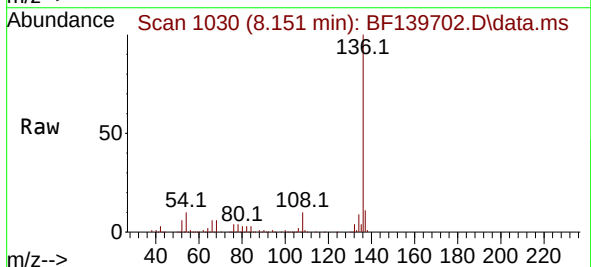
Instrument :
BNA_F
ClientSampleId :
PB163952BL

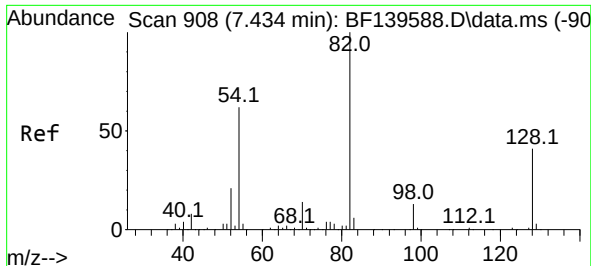
Tgt Ion: 99 Resp: 972326
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 36.4 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Tgt Ion:136 Resp: 381324
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.3 12.5
68 5.8 4.6 7.0

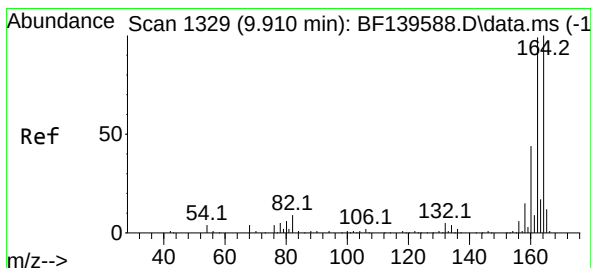
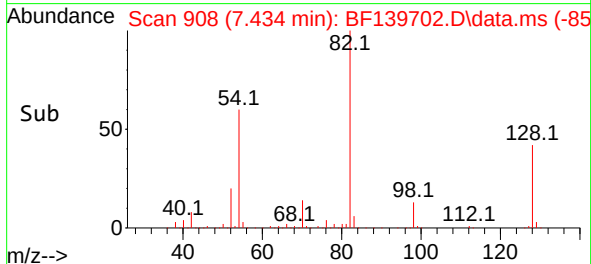
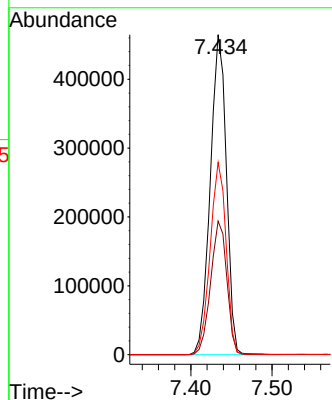
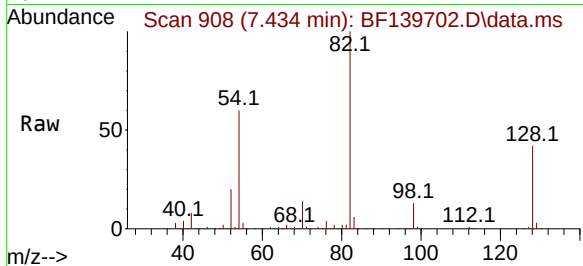




#23
 Nitrobenzene-d5
 Concen: 85.144 ng
 RT: 7.434 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: BF139702.D
 Acq: 08 Oct 2024 10:10

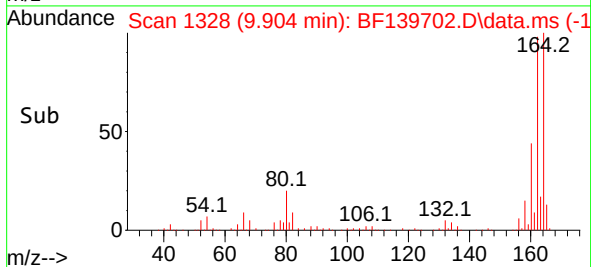
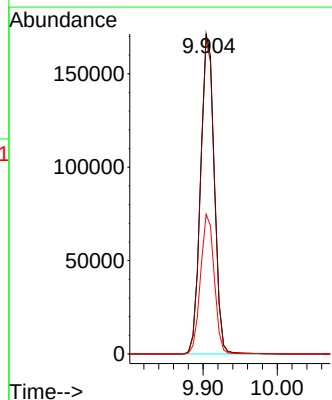
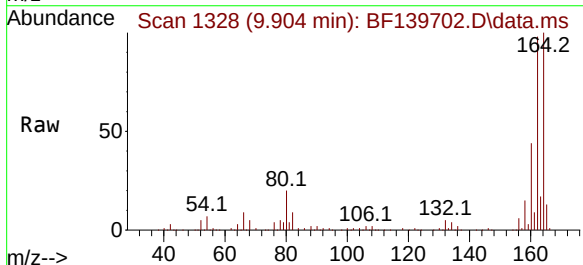
Instrument :
 BNA_F
 ClientSampleId :
 PB163952BL

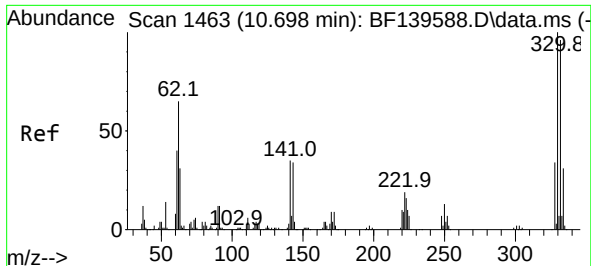
Tgt Ion: 82 Resp: 641267
 Ion Ratio Lower Upper
 82 100
 128 41.8 32.4 48.6
 54 60.1 49.1 73.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.006 min
 Lab File: BF139702.D
 Acq: 08 Oct 2024 10:10

Tgt Ion: 164 Resp: 220064
 Ion Ratio Lower Upper
 164 100
 162 98.4 79.4 119.0
 160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 123.027 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139702.D

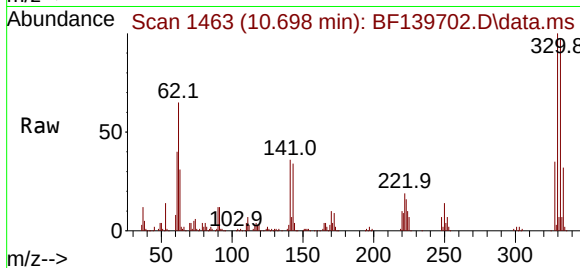
Acq: 08 Oct 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB163952BL



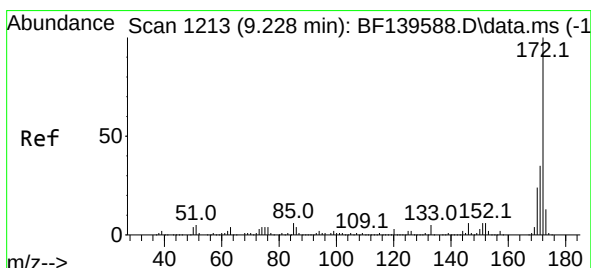
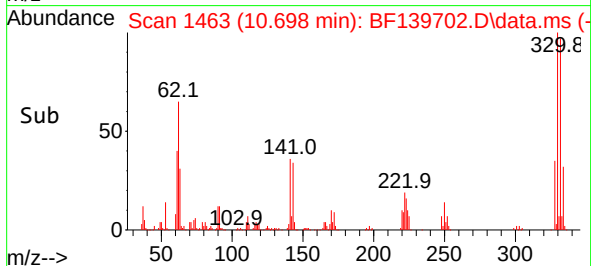
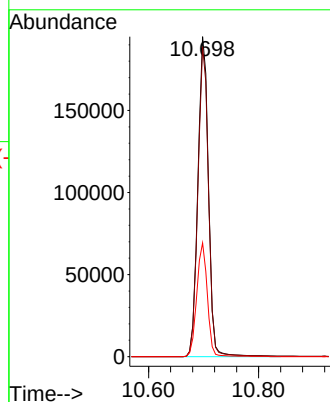
Tgt Ion:330 Resp: 261354

Ion Ratio Lower Upper

330 100

332 97.1 76.5 114.7

141 35.5 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 82.494 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF139702.D

Acq: 08 Oct 2024 10:10

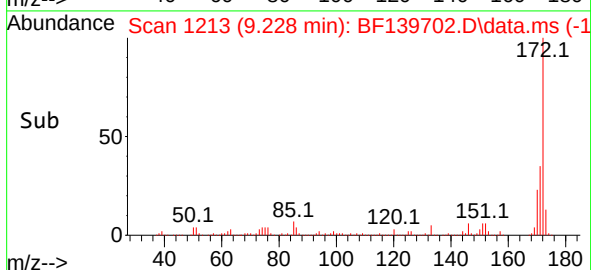
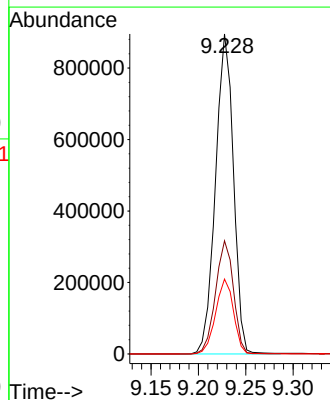
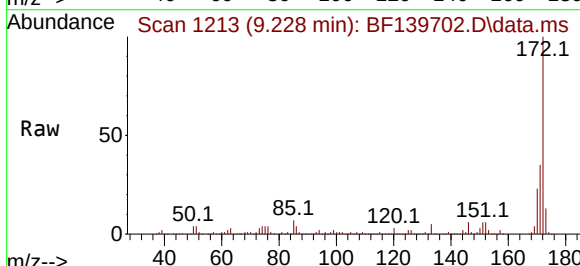
Tgt Ion:172 Resp: 1182533

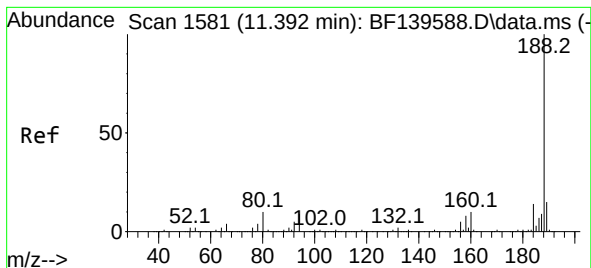
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.4 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: BF139702.D

Acq: 08 Oct 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB163952BL

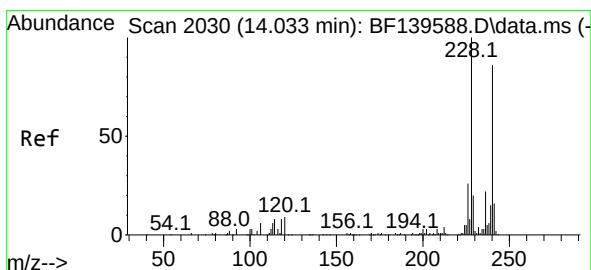
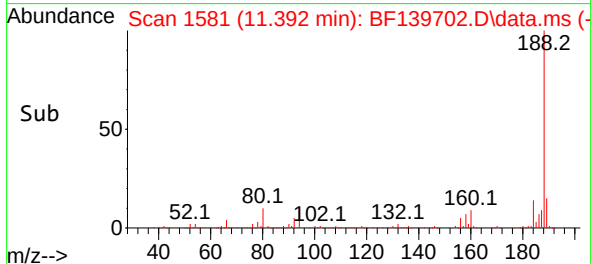
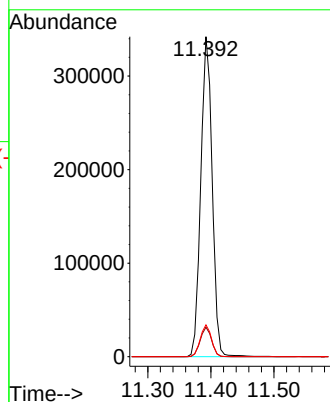
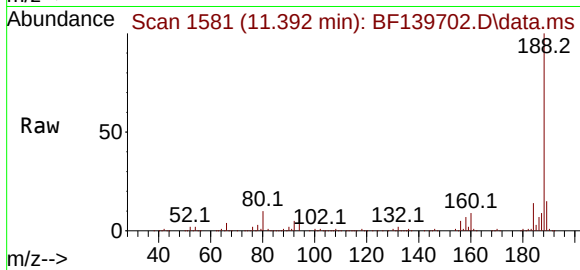
Tgt Ion:188 Resp: 429568

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.9 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: BF139702.D

Acq: 08 Oct 2024 10:10

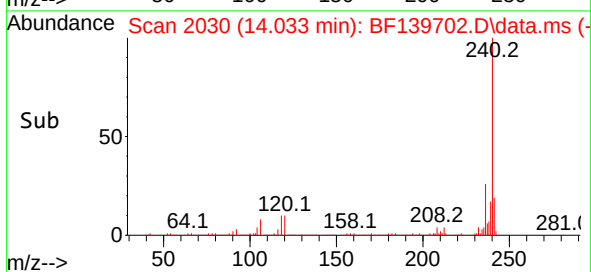
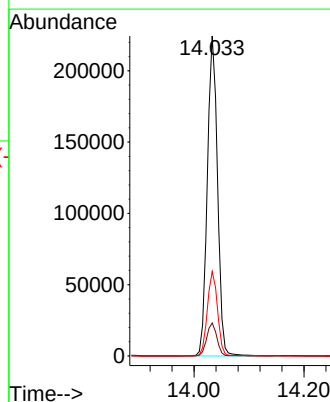
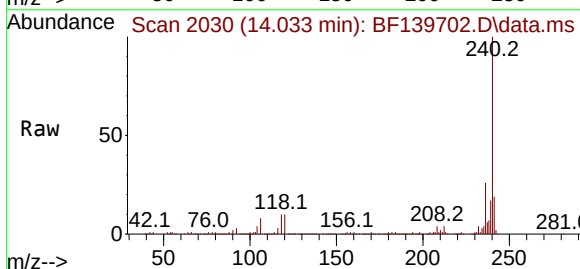
Tgt Ion:240 Resp: 288229

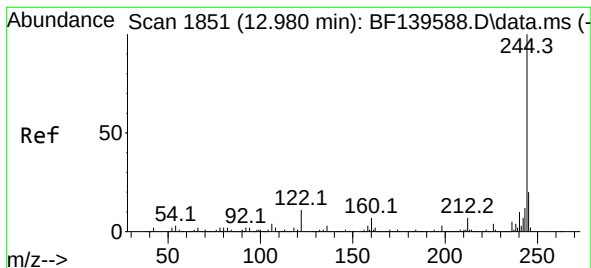
Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 26.4 20.3 30.5





#79

Terphenyl-d14

Concen: 81.416 ng

RT: 12.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139702.D

Acq: 08 Oct 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB163952BL

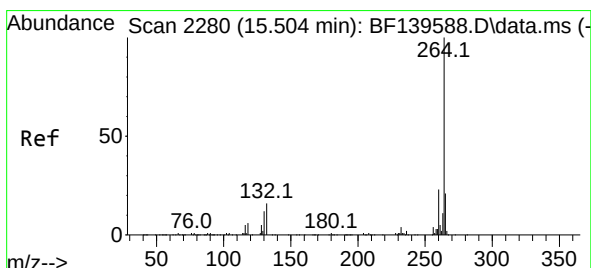
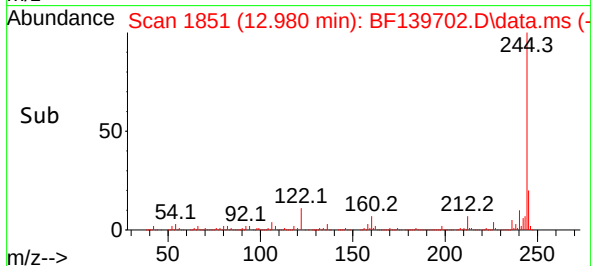
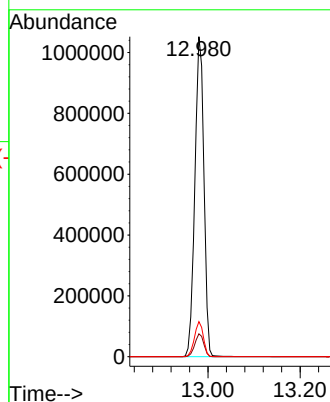
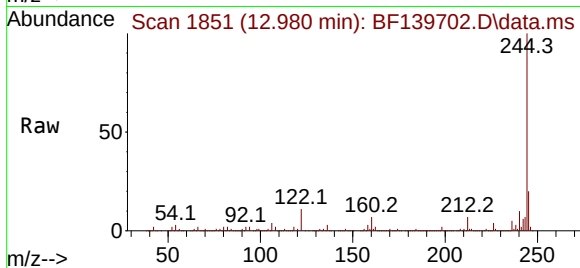
Tgt Ion:244 Resp: 1430162

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 11.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BF139702.D

Acq: 08 Oct 2024 10:10

Tgt Ion:264 Resp: 223739

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.8 16.9 25.3

