

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137074.D
 Acq On : 15 Jan 2024 20:34
 Operator : CG\JU
 Sample : P1136-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-F

Quant Time: Jan 16 02:04:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	37476	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	130041	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	64606	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	142940	20.000	ng	0.00
76) Chrysene-d12	13.969	240	127770	20.000	ng	0.00
86) Perylene-d12	15.463	264	93163	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	126631	52.722	ng	0.00
7) Phenol-d6	6.434	99	141877	45.587	ng	0.00
23) Nitrobenzene-d5	7.345	82	85299	33.565	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	44205	58.097	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	178669	37.196	ng	-0.02
79) Terphenyl-d14	12.904	244	268949	29.416	ng	-0.01

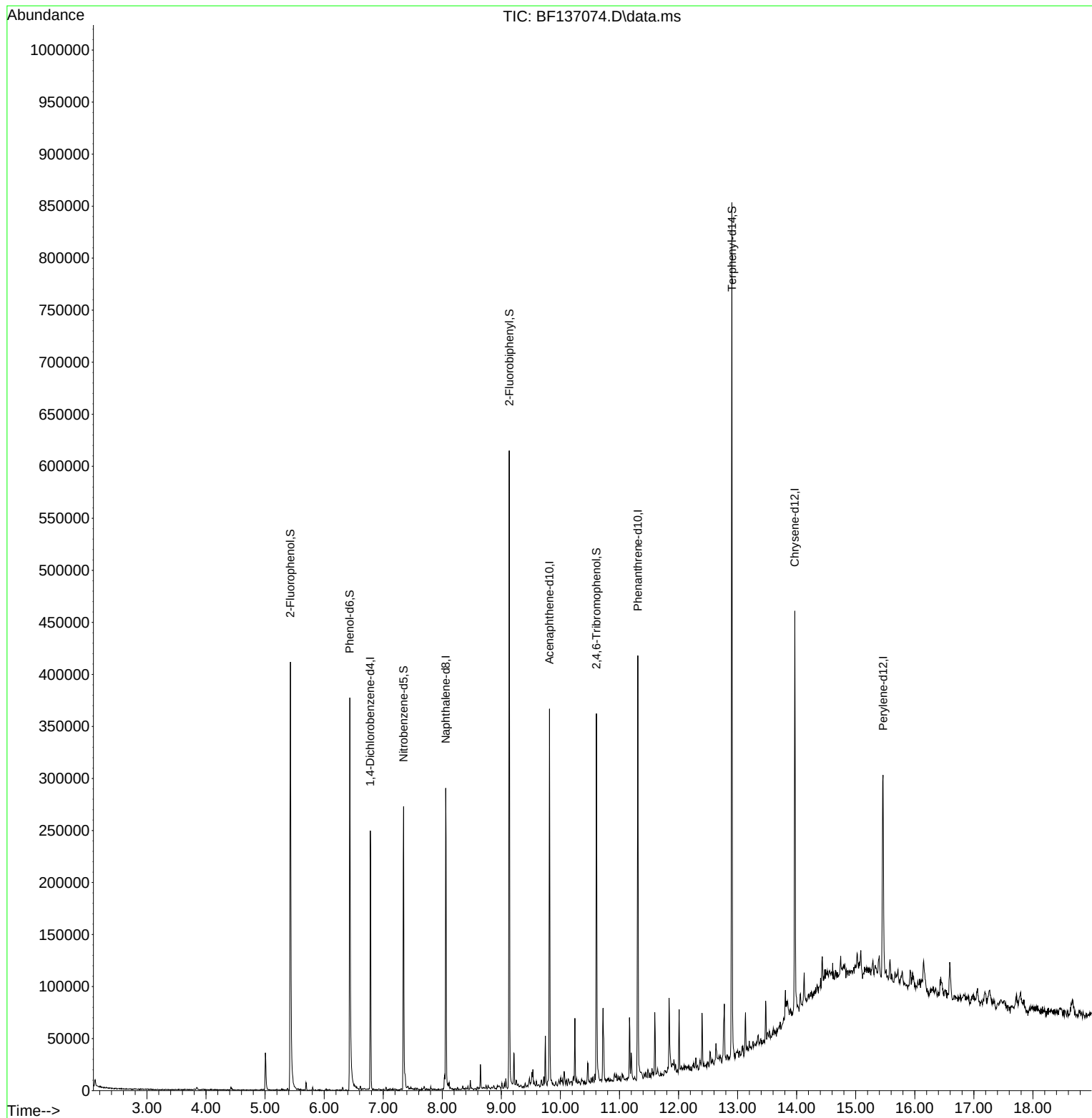
Target Compounds	Qvalue

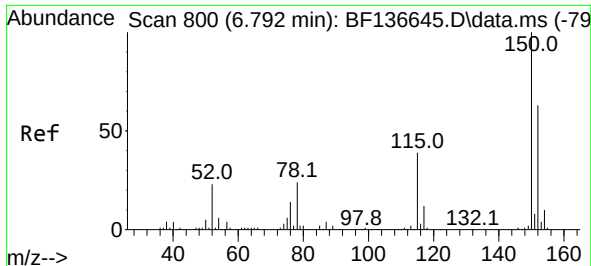
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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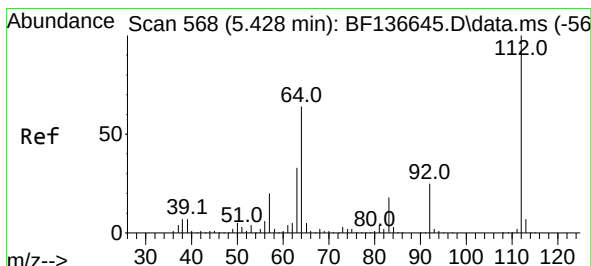
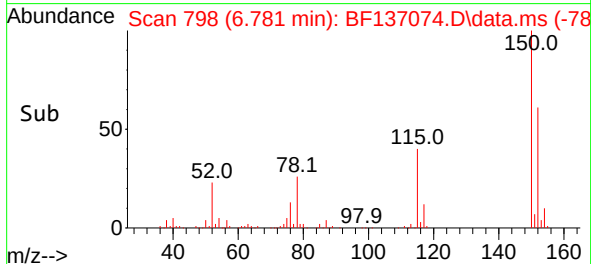
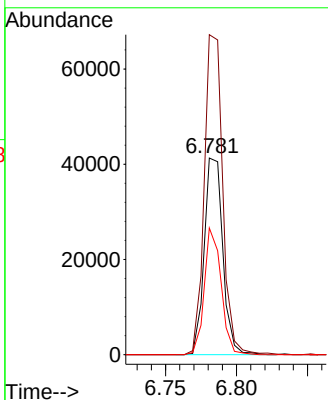
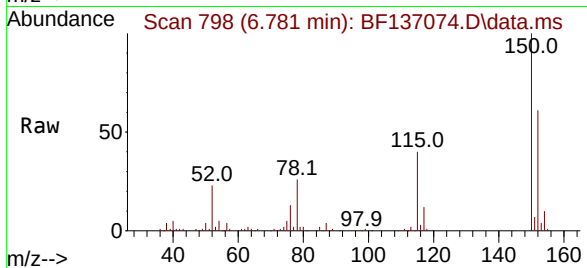




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

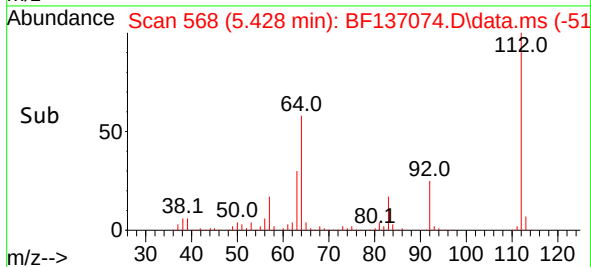
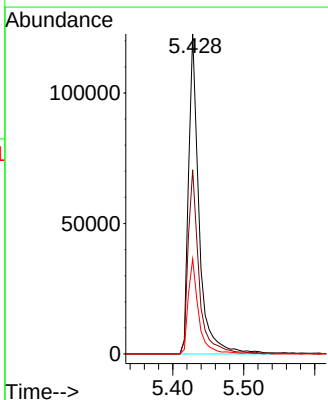
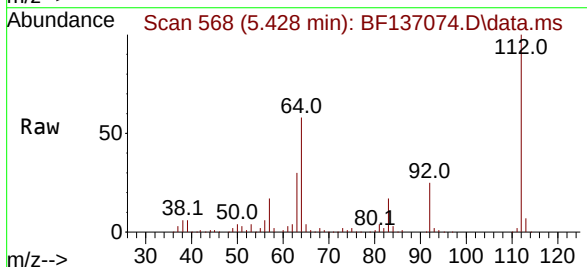
Instrument :
BNA_F
ClientSampleId :
MH-F

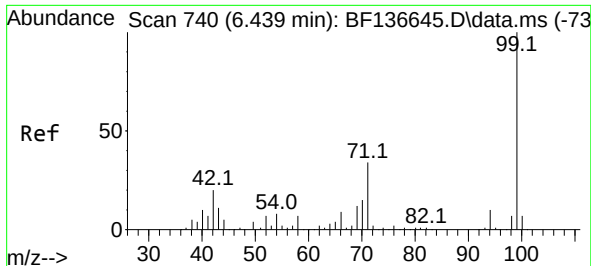
Tgt Ion:152 Resp: 37476
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 64.4 49.0 73.4



#5
2-Fluorophenol
Concen: 52.722 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion:112 Resp: 126631
Ion Ratio Lower Upper
112 100
64 57.5 51.1 76.7
63 29.7 26.1 39.1





#7

Phenol-d6

Concen: 45.587 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137074.D

Acq: 15 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

MH-F

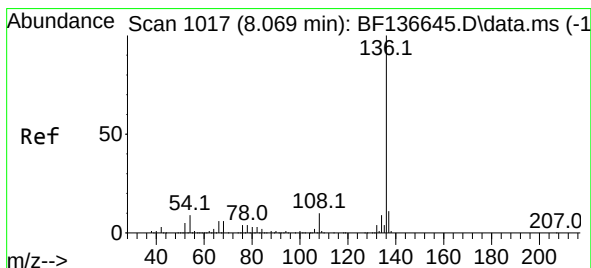
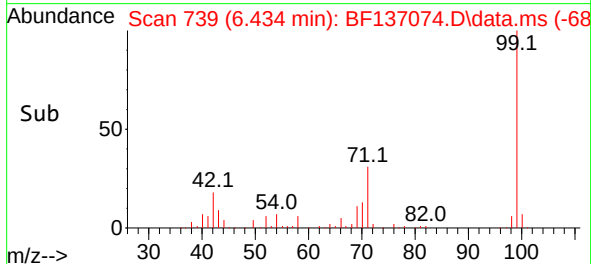
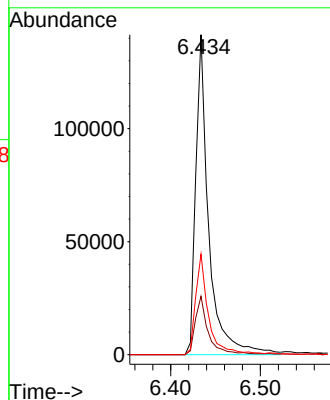
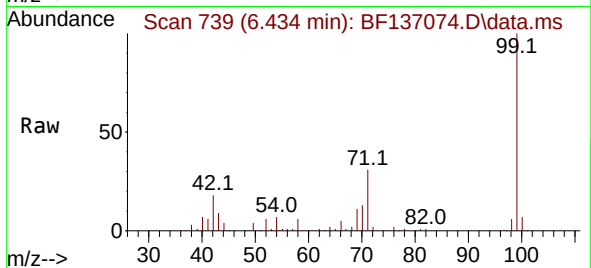
Tgt Ion: 99 Resp: 141877

Ion Ratio Lower Upper

99 100

42 18.3 16.1 24.1

71 31.4 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF137074.D

Acq: 15 Jan 2024 20:34

Tgt Ion:136 Resp: 130041

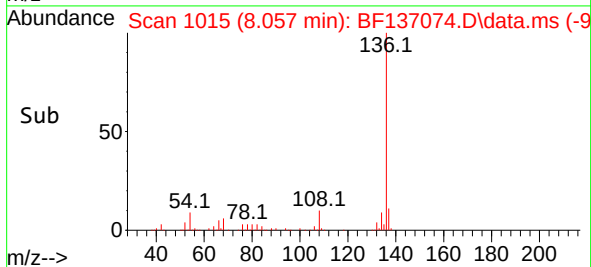
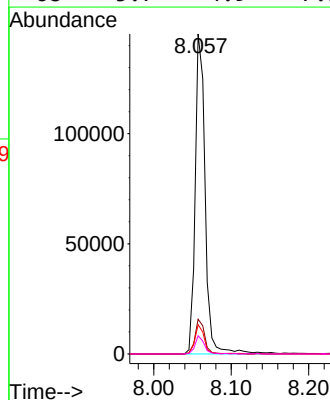
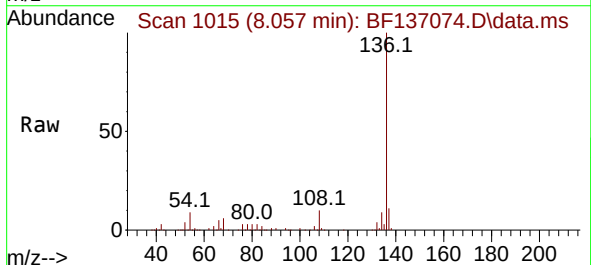
Ion Ratio Lower Upper

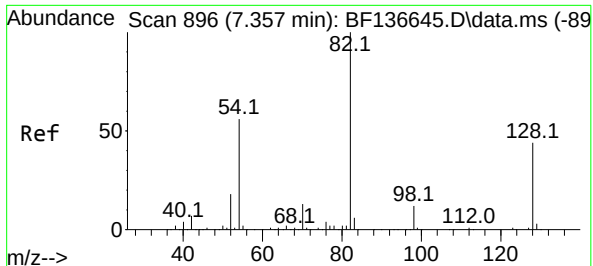
136 100

137 10.8 9.0 13.4

54 9.2 7.2 10.8

68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 33.565 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF137074.D

Acq: 15 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

MH-F

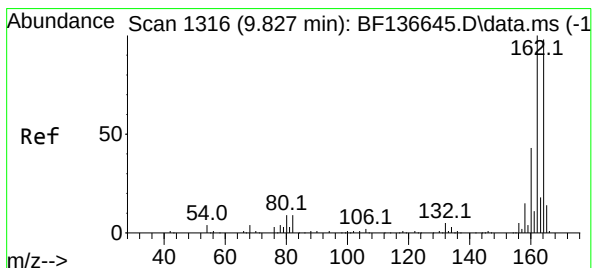
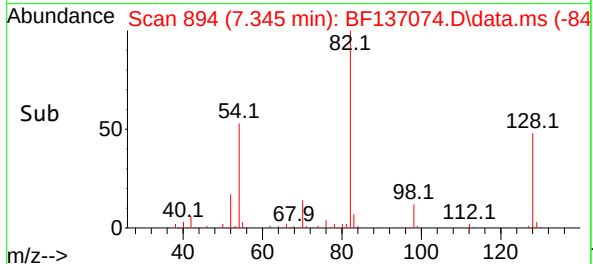
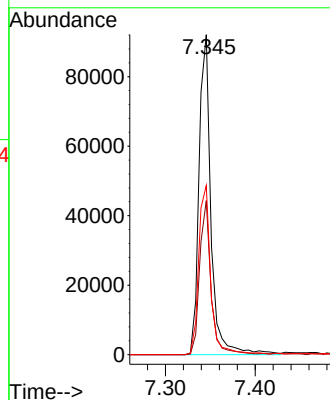
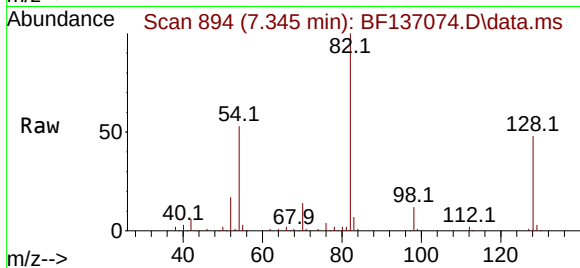
Tgt Ion: 82 Resp: 85299

Ion Ratio Lower Upper

82 100

128 48.1 35.3 52.9

54 52.9 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137074.D

Acq: 15 Jan 2024 20:34

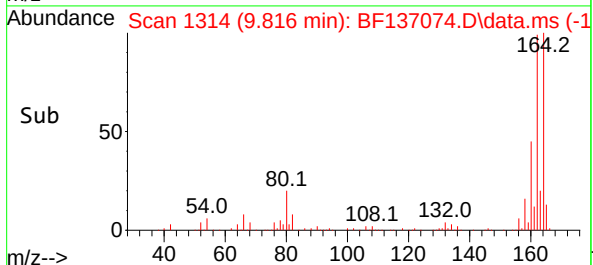
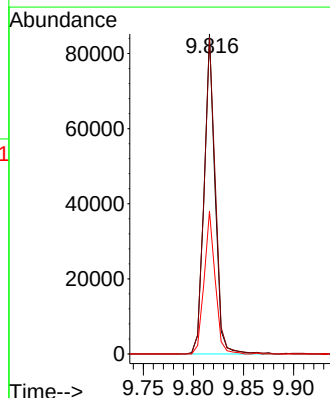
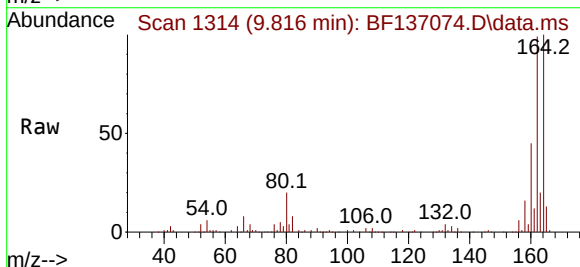
Tgt Ion:164 Resp: 64606

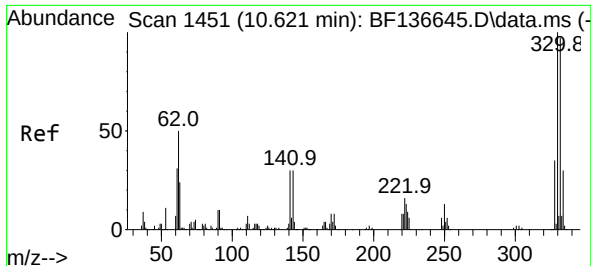
Ion Ratio Lower Upper

164 100

162 98.9 81.6 122.4

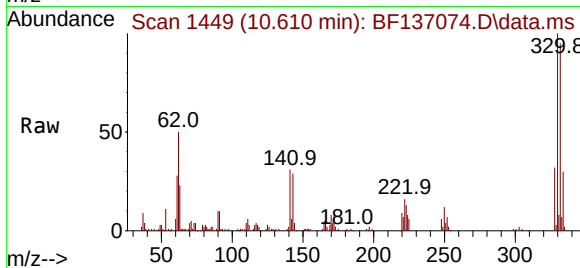
160 44.6 34.9 52.3



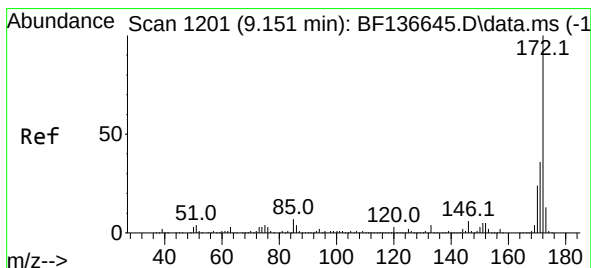
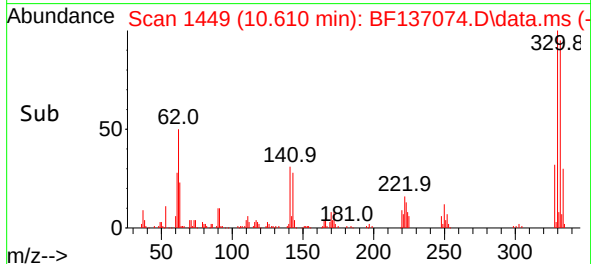
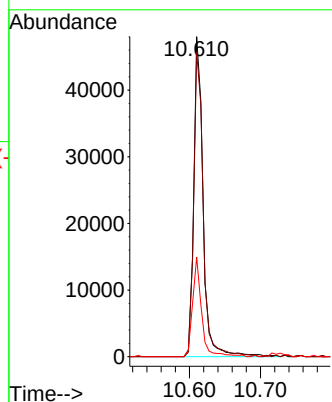


#42
2,4,6-Tribromophenol
Concen: 58.097 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Instrument :
BNA_F
ClientSampleId :
MH-F

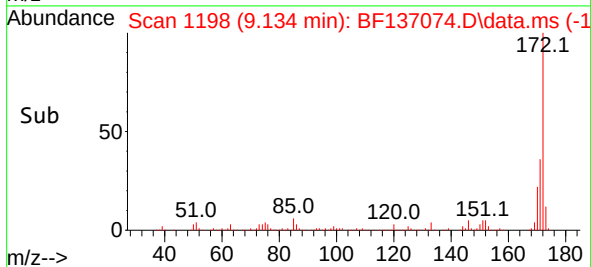
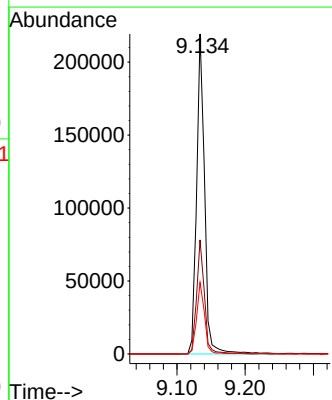
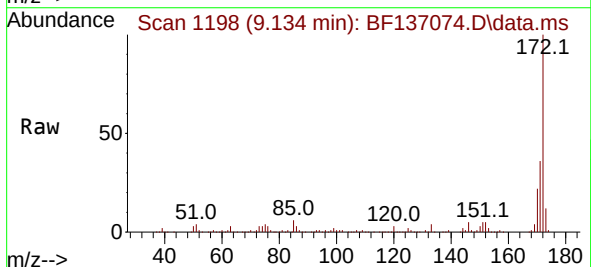


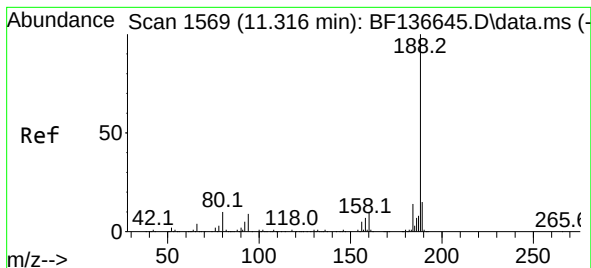
Tgt Ion:330 Resp: 44205
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 37.196 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion:172 Resp: 178669
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 22.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137074.D

Acq: 15 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

MH-F

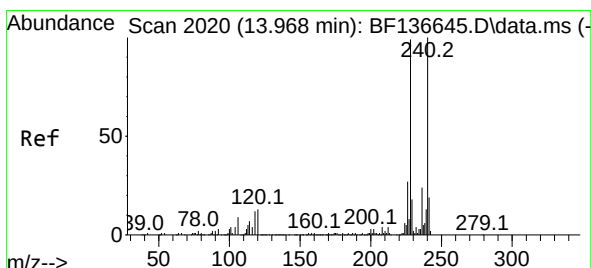
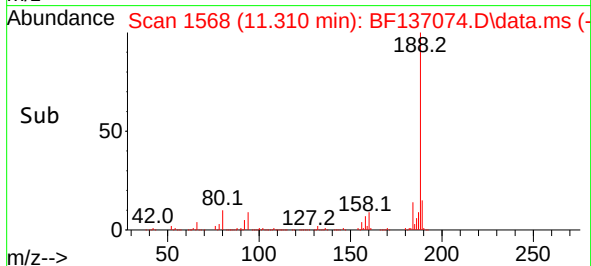
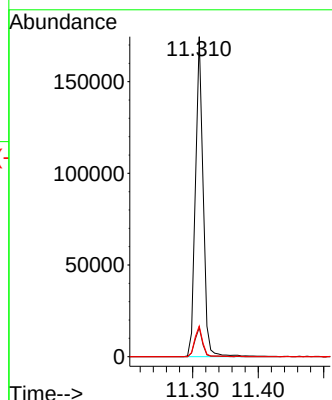
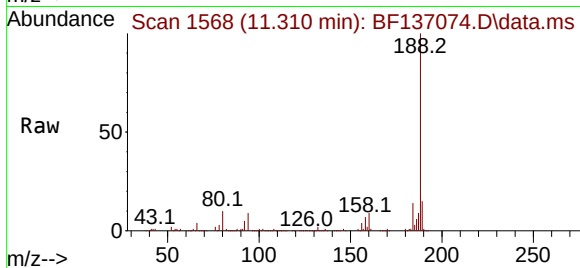
Tgt Ion:188 Resp: 142940

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137074.D

Acq: 15 Jan 2024 20:34

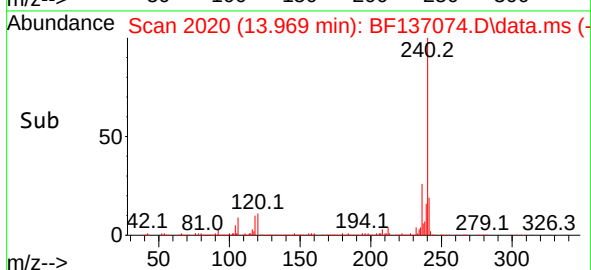
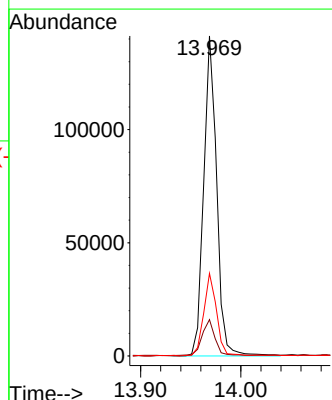
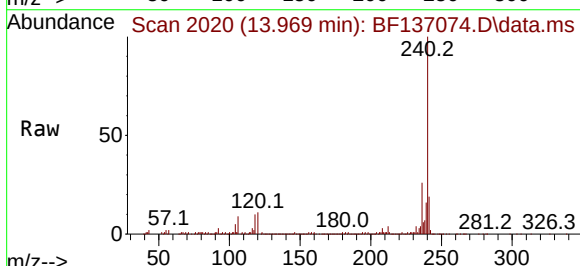
Tgt Ion:240 Resp: 127770

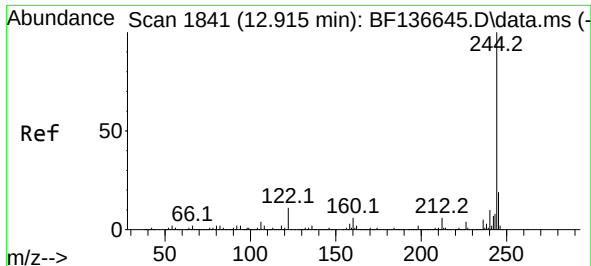
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 25.8 19.4 29.2

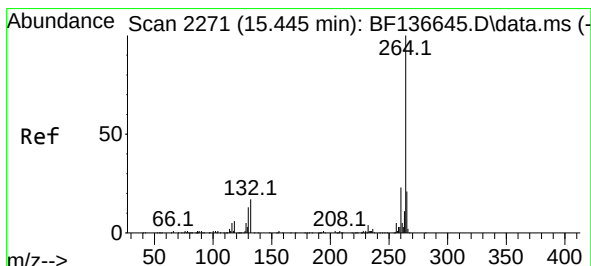
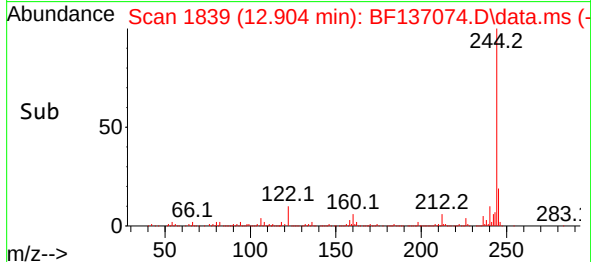
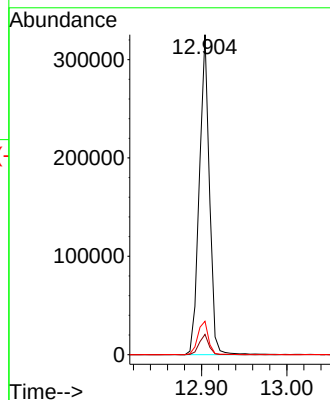
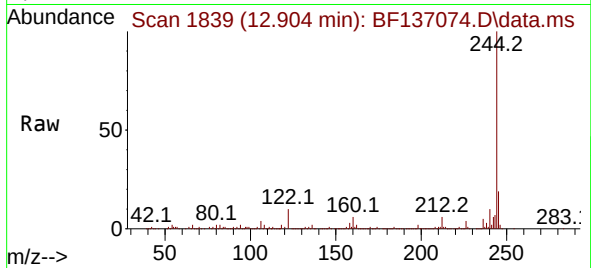




#79
 Terphenyl-d14
 Concen: 29.416 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137074.D
 Acq: 15 Jan 2024 20:34

Instrument :
 BNA_F
 ClientSampleId :
 MH-F

Tgt Ion:244 Resp: 268949
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.018 min
 Lab File: BF137074.D
 Acq: 15 Jan 2024 20:34

Tgt Ion:264 Resp: 93163
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 20.3 17.0 25.6

