

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137085.D
 Acq On : 16 Jan 2024 18:09
 Operator : CG\JU
 Sample : P1147-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E

Quant Time: Jan 17 02:00:57 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	53201	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	198880	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	94083	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	163871	20.000	ng	0.00
76) Chrysene-d12	13.974	240	105596	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	127306	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	292796	85.872	ng	0.00
7) Phenol-d6	6.434	99	362817	82.120	ng	0.00
23) Nitrobenzene-d5	7.345	82	215721	55.504	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	89746	80.996	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	428414	61.245	ng	-0.02
79) Terphenyl-d14	12.904	244	365298	48.344	ng	-0.01

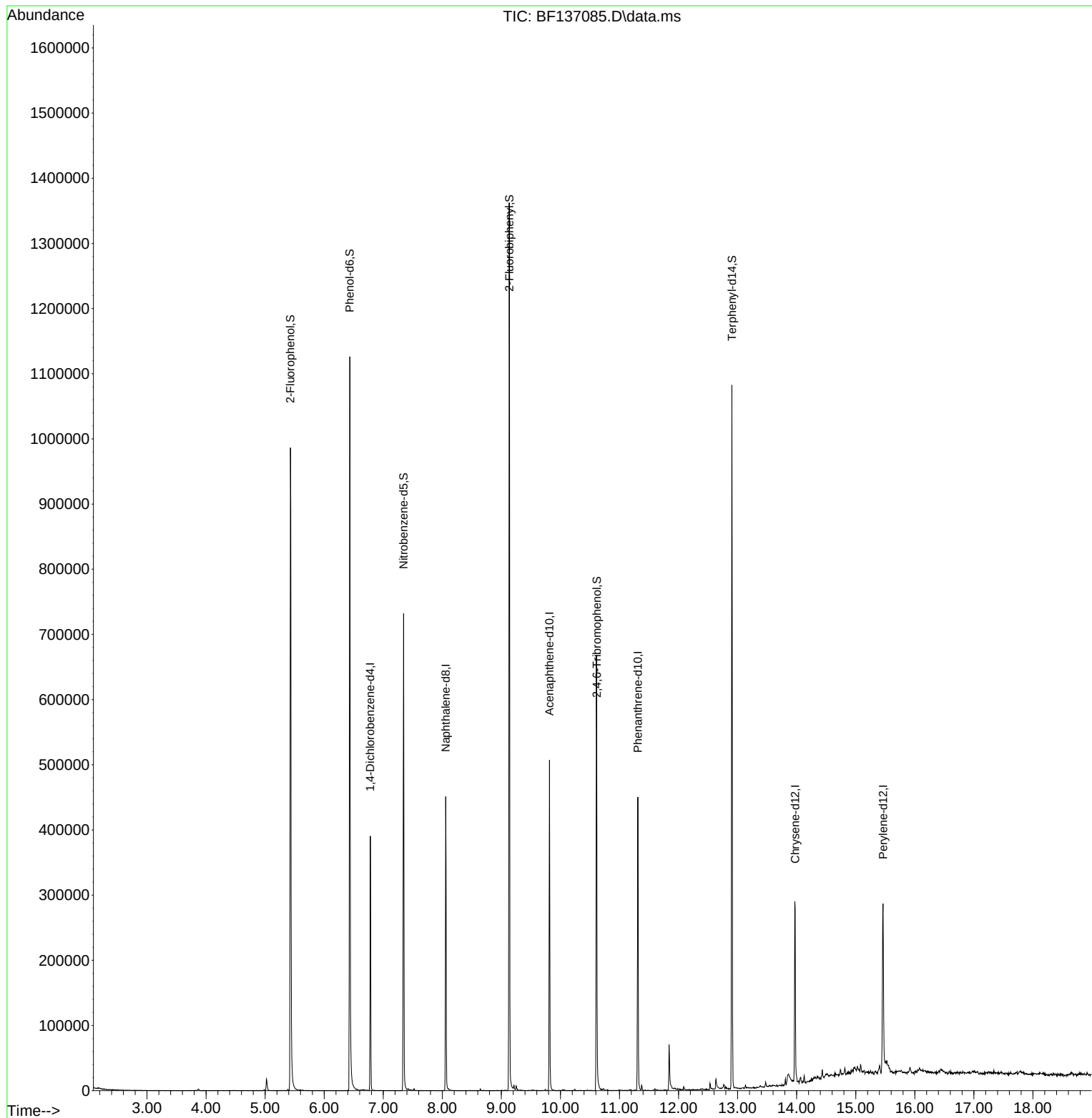
Target Compounds	Qvalue

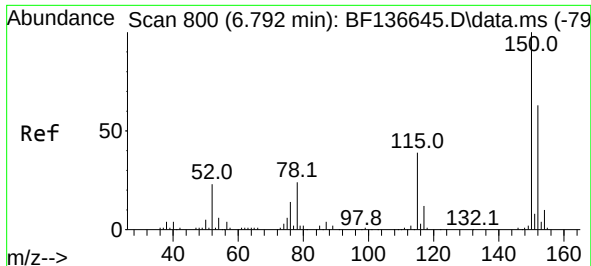
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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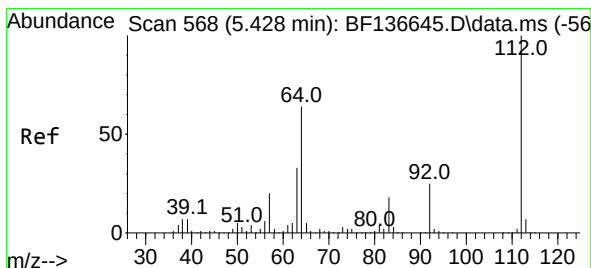
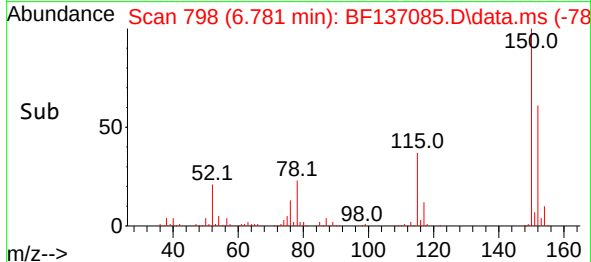
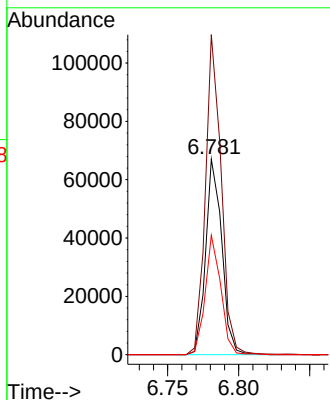
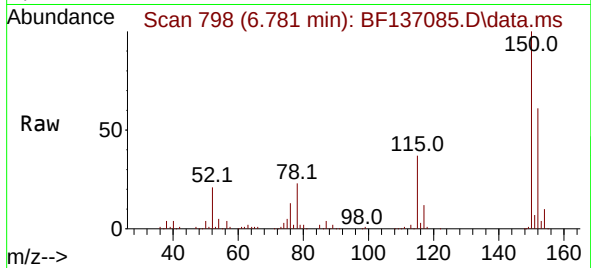




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

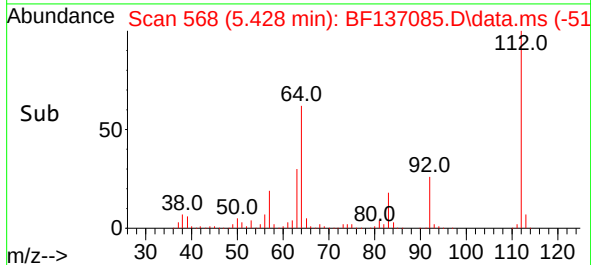
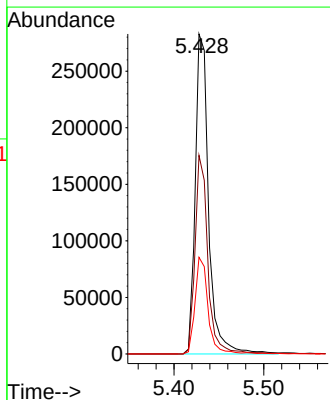
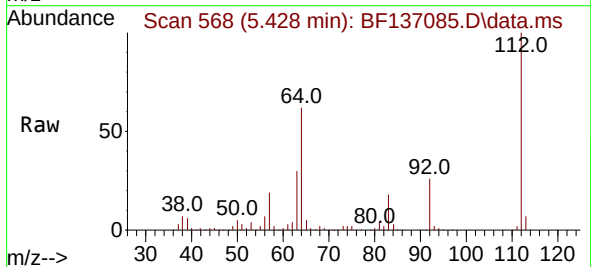
Instrument :
BNA_F
ClientSampleId :
MH-E

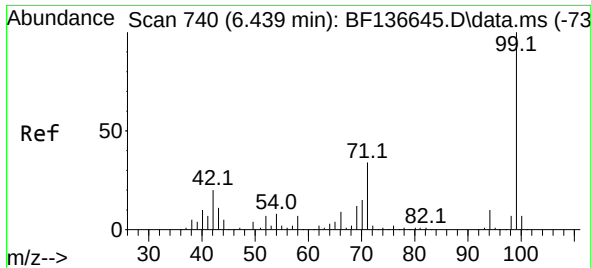
Tgt Ion:152 Resp: 53201
Ion Ratio Lower Upper
152 100
150 163.7 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 85.872 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

Tgt Ion:112 Resp: 292796
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 30.2 26.1 39.1

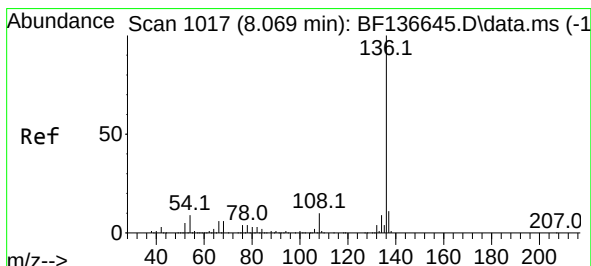
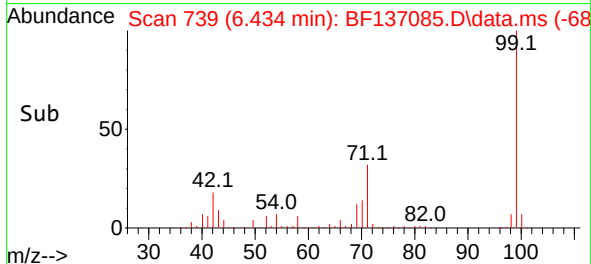
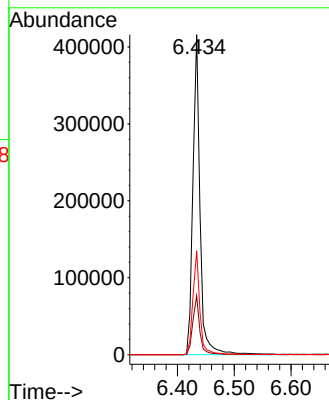
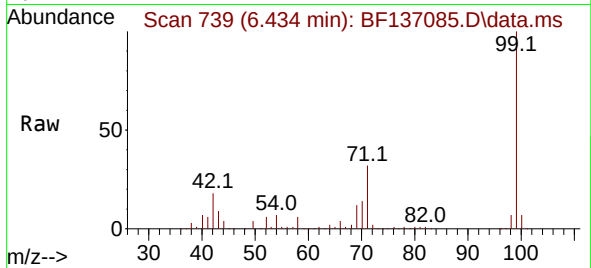




#7
Phenol-d6
Concen: 82.120 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

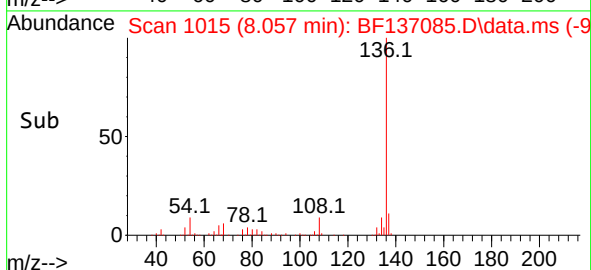
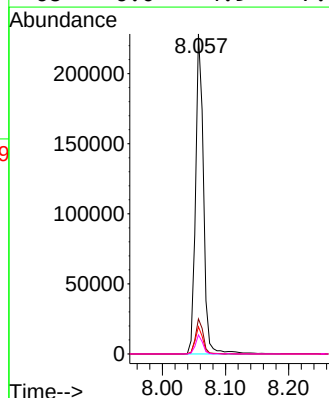
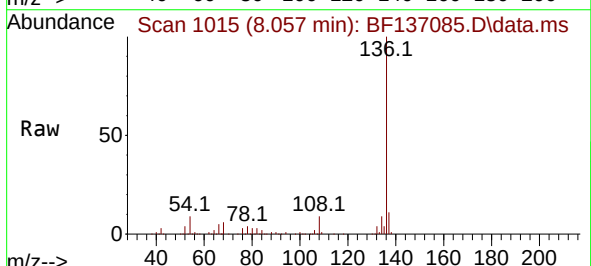
Instrument :
BNA_F
ClientSampleId :
MH-E

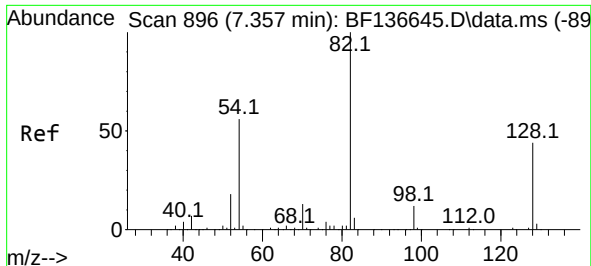
Tgt Ion: 99 Resp: 362817
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 32.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137085.D
Acq: 16 Jan 2024 18:09

Tgt Ion:136 Resp: 198880
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.5 7.2 10.8
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 55.504 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF137085.D

Acq: 16 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

MH-E

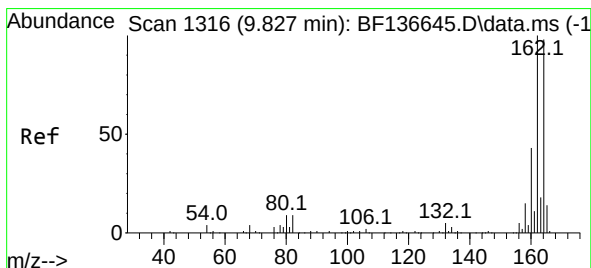
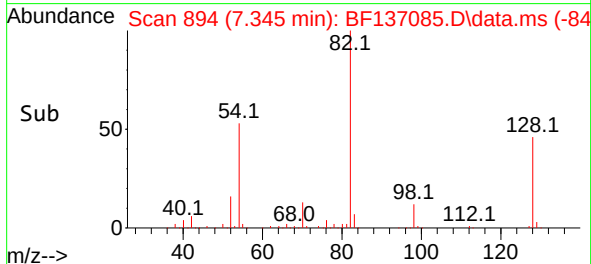
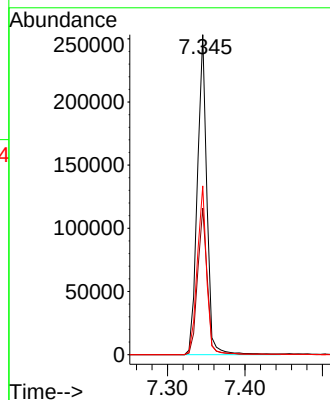
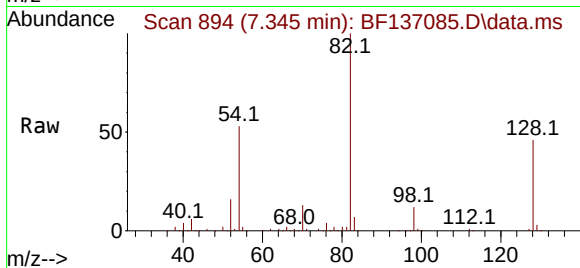
Tgt Ion: 82 Resp: 215721

Ion Ratio Lower Upper

82 100

128 45.8 35.3 52.9

54 52.8 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: BF137085.D

Acq: 16 Jan 2024 18:09

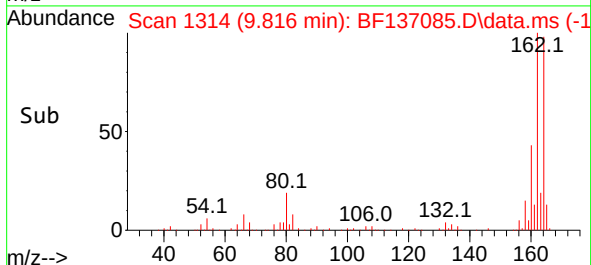
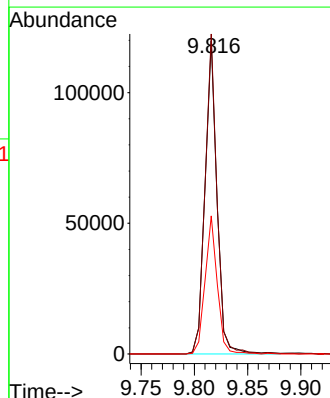
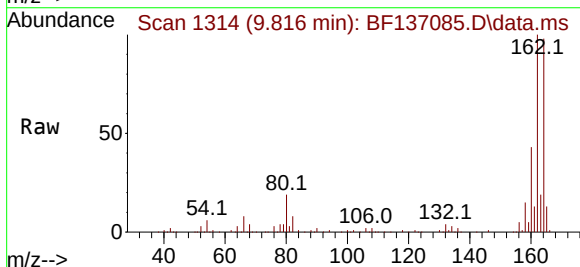
Tgt Ion:164 Resp: 94083

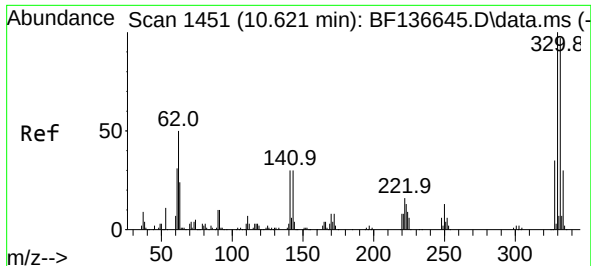
Ion Ratio Lower Upper

164 100

162 102.2 81.6 122.4

160 44.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 80.996 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137085.D

Acq: 16 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

MH-E

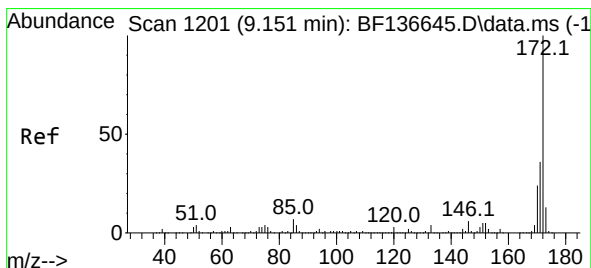
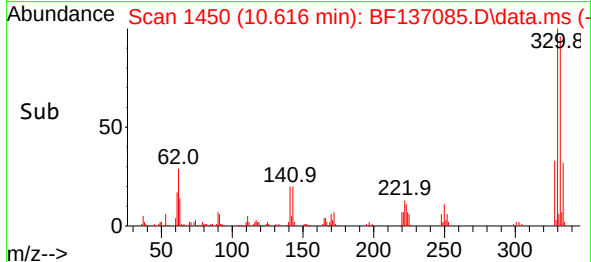
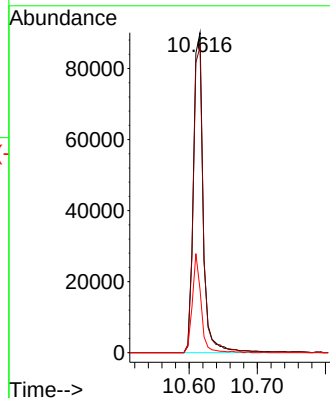
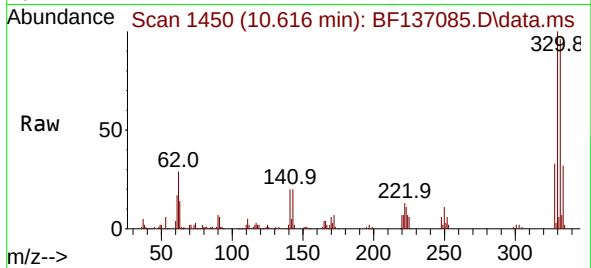
Tgt Ion:330 Resp: 89746

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 27.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 61.245 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF137085.D

Acq: 16 Jan 2024 18:09

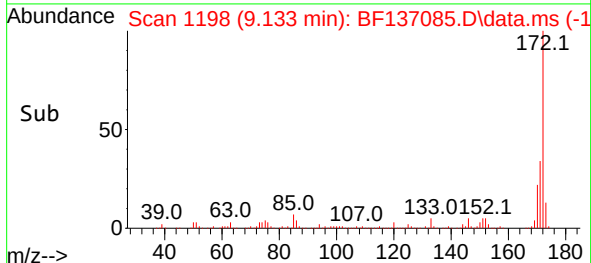
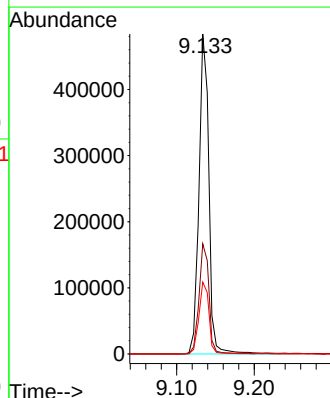
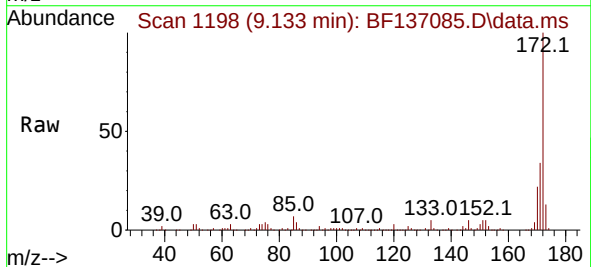
Tgt Ion:172 Resp: 428414

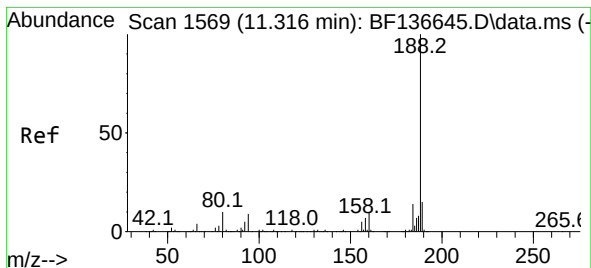
Ion Ratio Lower Upper

172 100

171 34.4 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: BF137085.D

Acq: 16 Jan 2024 18:09

Instrument :

BNA_F

ClientSampleId :

MH-E

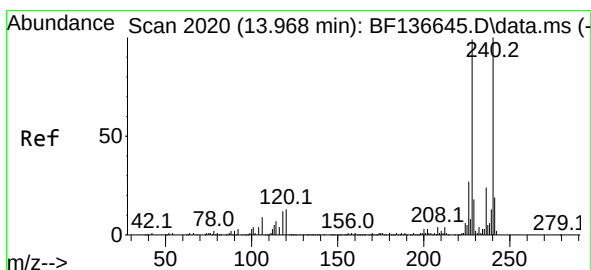
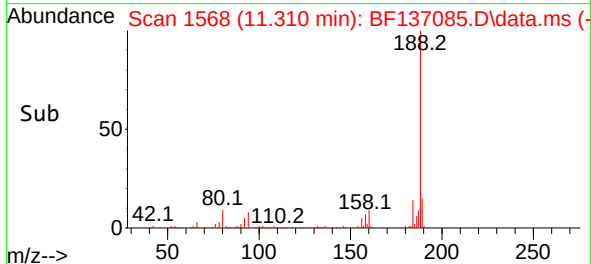
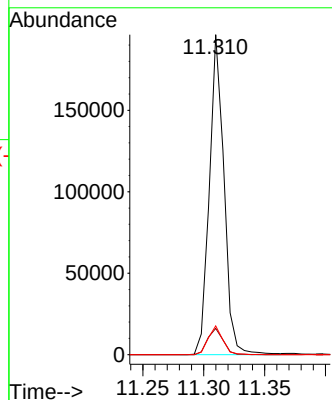
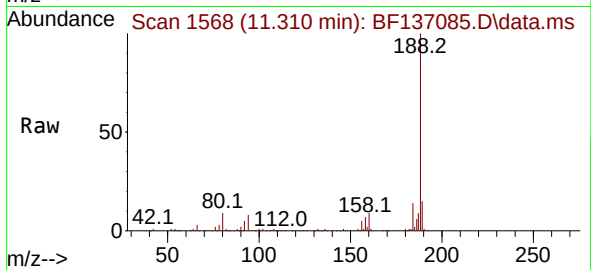
Tgt Ion:188 Resp: 163871

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 9.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137085.D

Acq: 16 Jan 2024 18:09

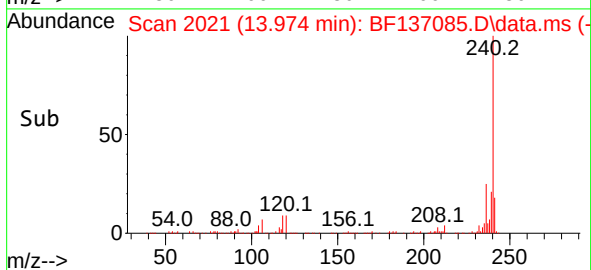
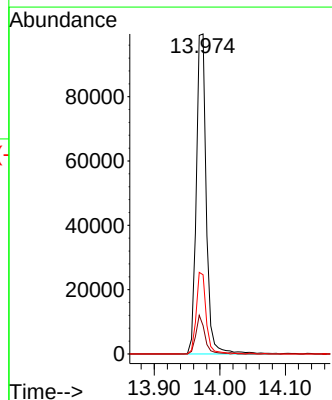
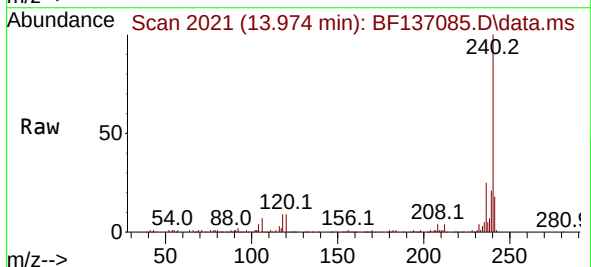
Tgt Ion:240 Resp: 105596

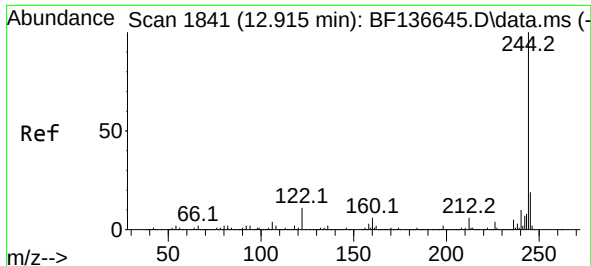
Ion Ratio Lower Upper

240 100

120 8.9 10.3 15.5#

236 24.8 19.4 29.2

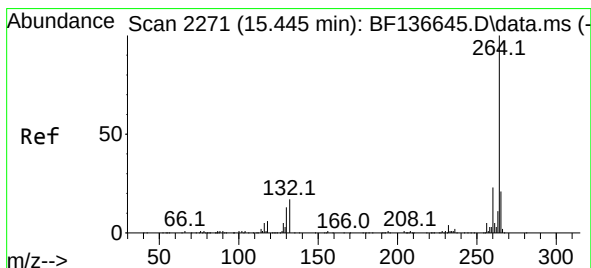
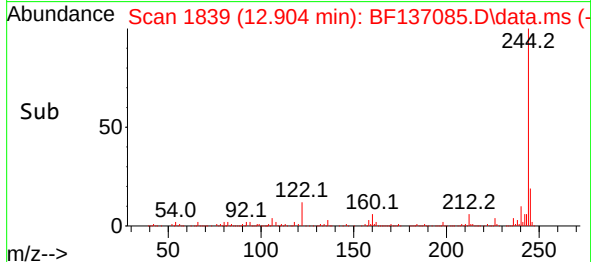
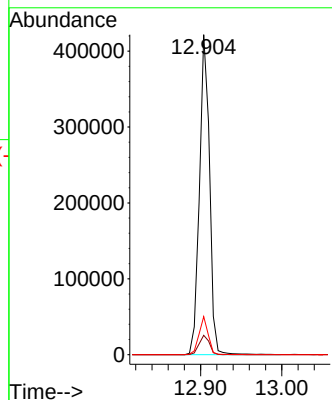
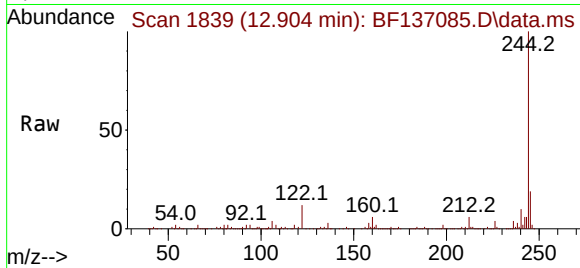




#79
 Terphenyl-d14
 Concen: 48.344 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137085.D
 Acq: 16 Jan 2024 18:09

Instrument :
 BNA_F
 ClientSampleId :
 MH-E

Tgt Ion:244 Resp: 365298
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.9 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: BF137085.D
 Acq: 16 Jan 2024 18:09

Tgt Ion:264 Resp: 127306
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 21.4 17.0 25.6

