

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137226.D
 Acq On : 01 Feb 2024 12:18
 Operator : CG\JU
 Sample : PB158741BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158741BL

Quant Time: Feb 01 12:43:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	61536	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	250184	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	152789	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	312604	20.000	ng	0.00
76) Chrysene-d12	13.974	240	236876	20.000	ng	0.00
86) Perylene-d12	15.457	264	181004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	579830	155.481	ng	0.02
7) Phenol-d6	6.434	99	744061	139.807	ng	0.00
23) Nitrobenzene-d5	7.357	82	507080	90.744	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	242010	140.253	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	924954	83.220	ng	0.00
79) Terphenyl-d14	12.921	244	1274865	73.165	ng	0.00

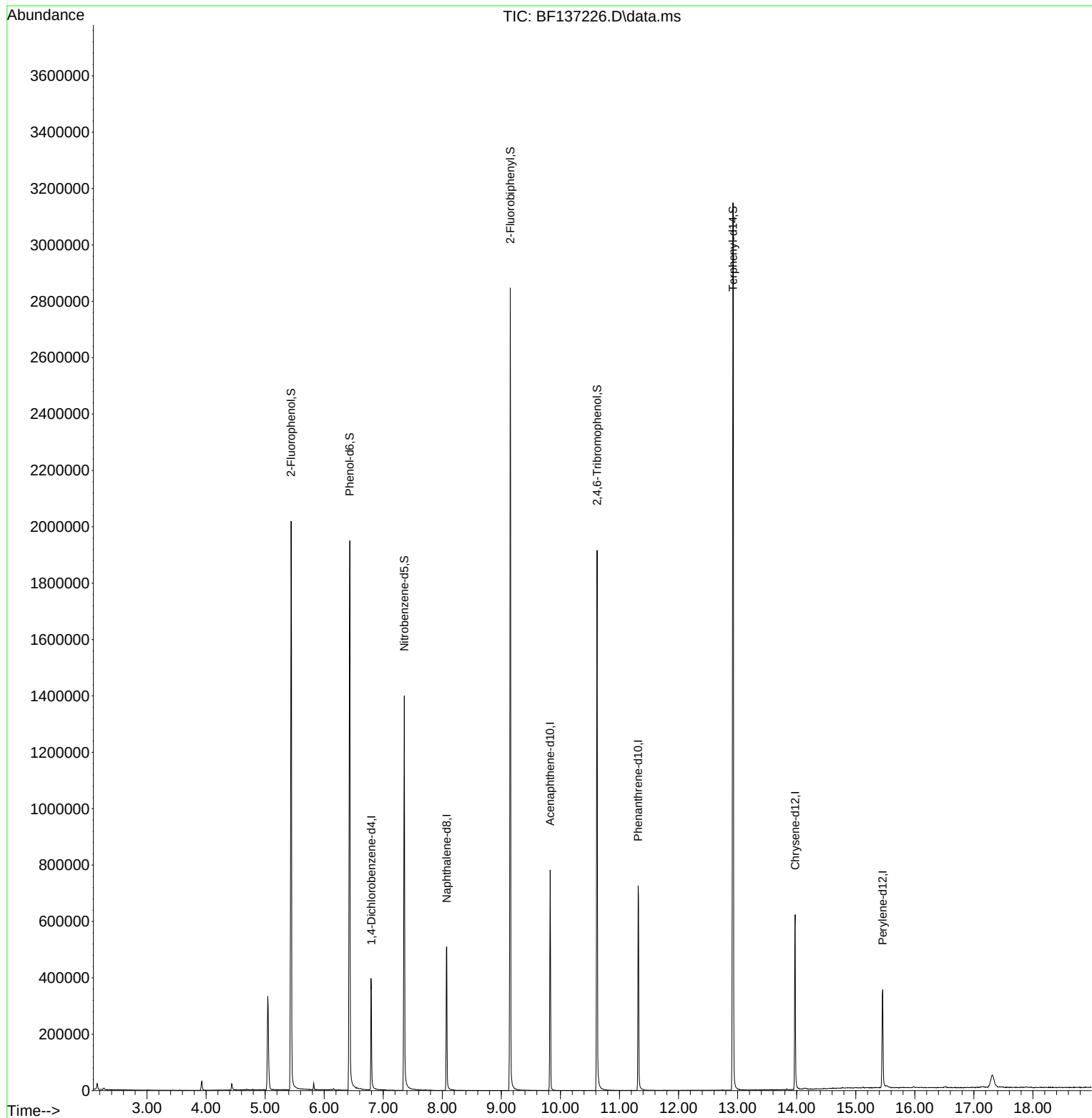
Target Compounds	Qvalue

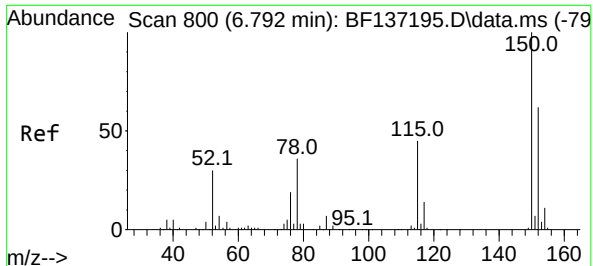
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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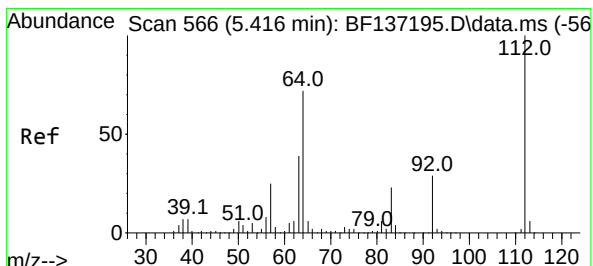
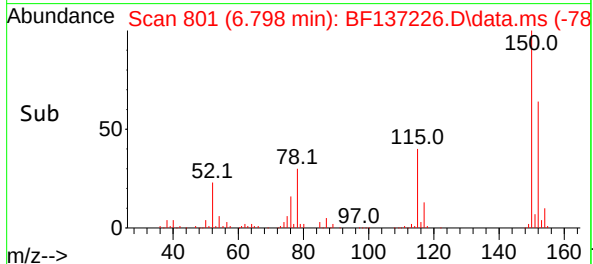
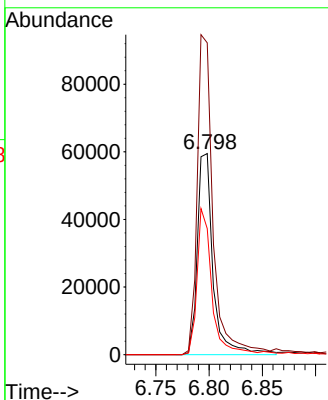
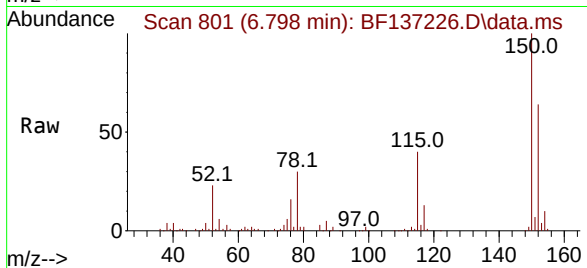




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

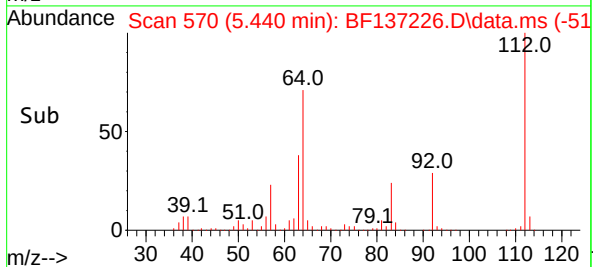
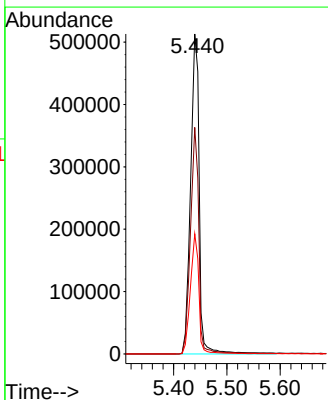
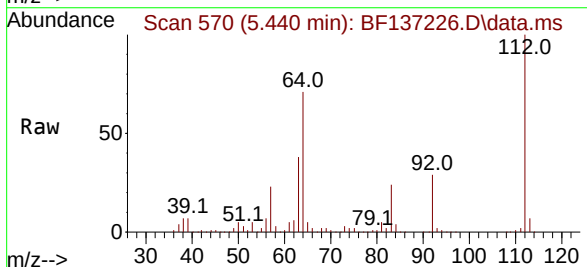
Instrument :
BNA_F
ClientSampleId :
PB158741BL

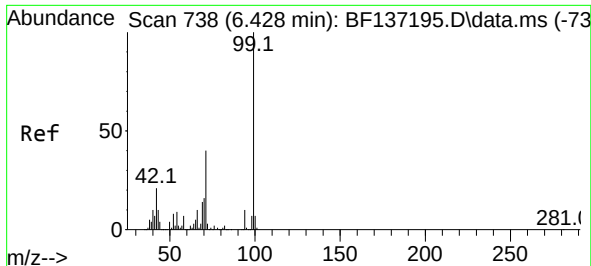
Tgt Ion:152 Resp: 61536
Ion Ratio Lower Upper
152 100
150 155.1 129.8 194.8
115 62.7 58.5 87.7



#5
2-Fluorophenol
Concen: 155.481 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

Tgt Ion:112 Resp: 579830
Ion Ratio Lower Upper
112 100
64 70.8 57.8 86.6
63 37.6 31.4 47.0

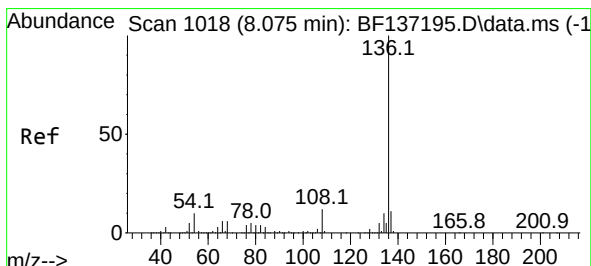
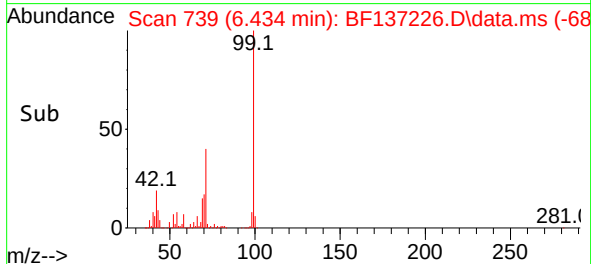
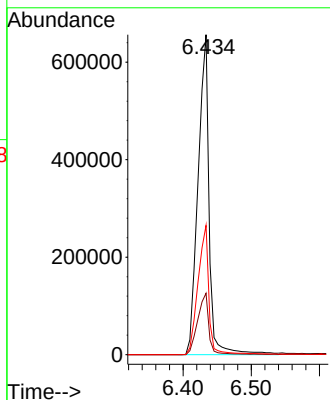
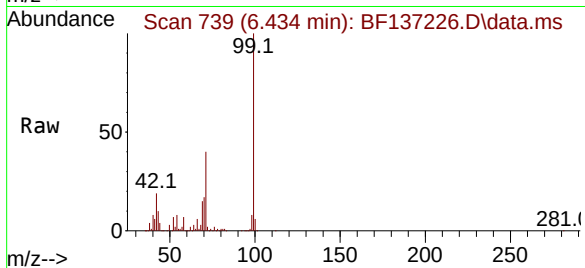




#7
Phenol-d6
Concen: 139.807 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

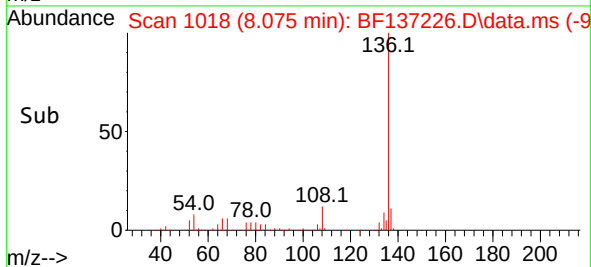
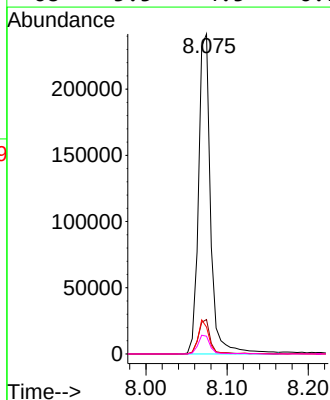
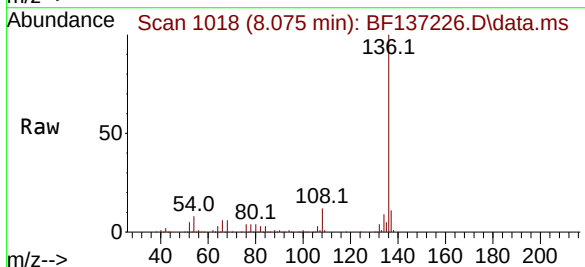
Instrument :
BNA_F
ClientSampleId :
PB158741BL

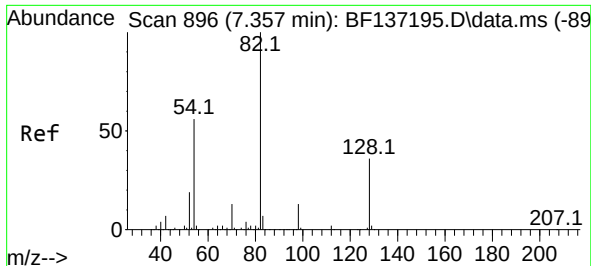
Tgt Ion: 99 Resp: 744061
Ion Ratio Lower Upper
99 100
42 19.2 16.4 24.6
71 40.4 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

Tgt Ion: 136 Resp: 250184
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.4 7.8 11.8
68 5.5 4.5 6.7

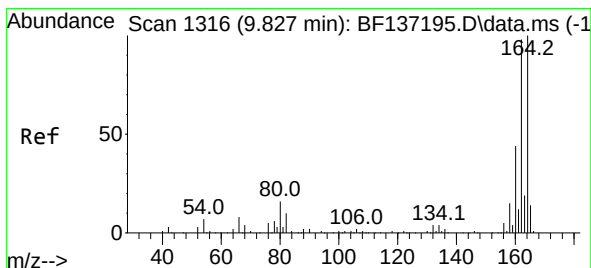
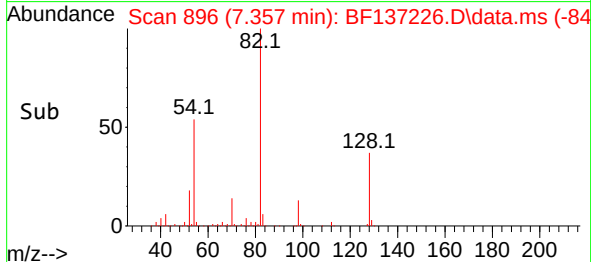
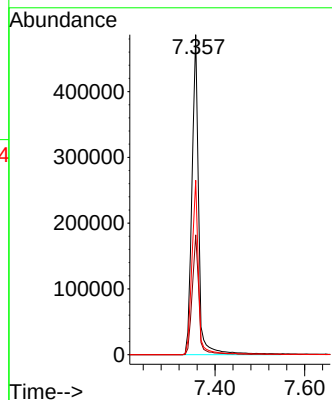
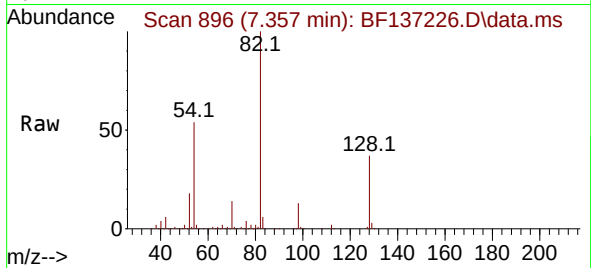




#23
Nitrobenzene-d5
Concen: 90.744 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

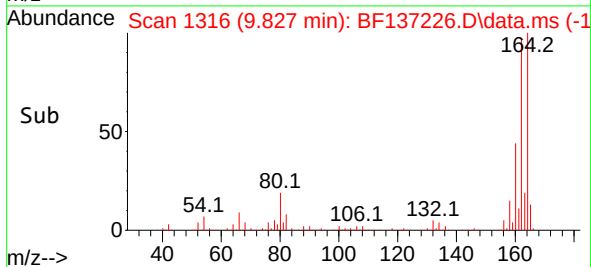
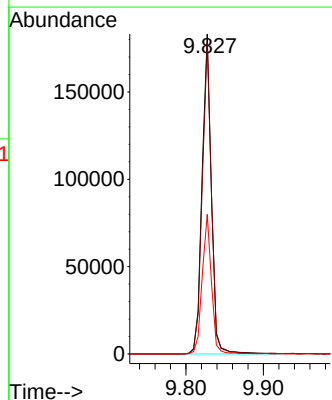
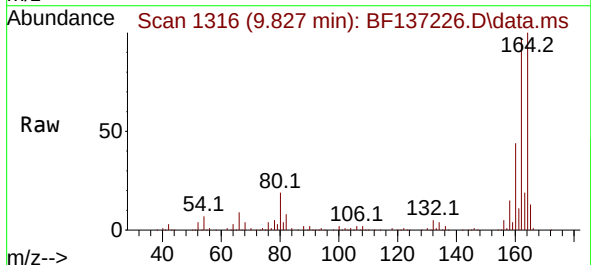
Instrument :
BNA_F
ClientSampleId :
PB158741BL

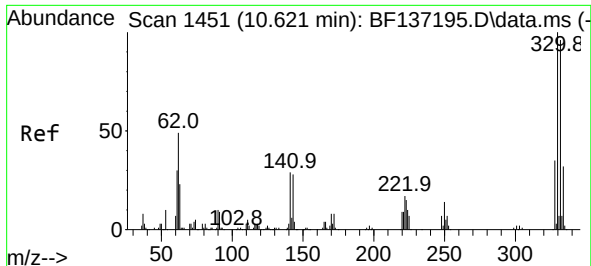
Tgt Ion: 82 Resp: 507080
Ion Ratio Lower Upper
82 100
128 37.4 29.1 43.7
54 54.5 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137226.D
Acq: 01 Feb 2024 12:18

Tgt Ion: 164 Resp: 152789
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 43.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 140.253 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137226.D

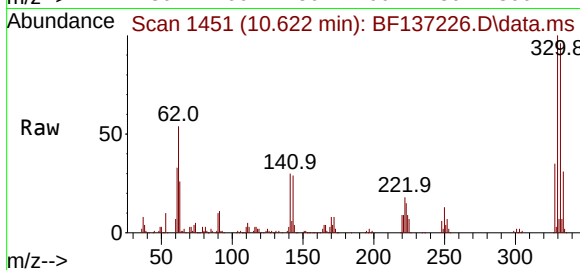
Acq: 01 Feb 2024 12:18

Instrument :

BNA_F

ClientSampleId :

PB158741BL



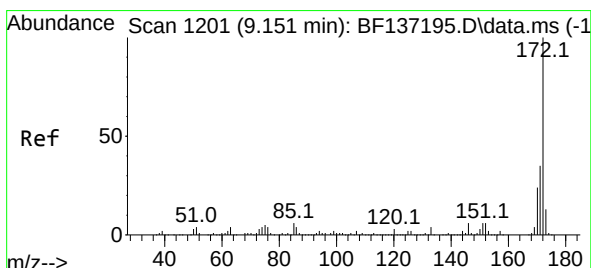
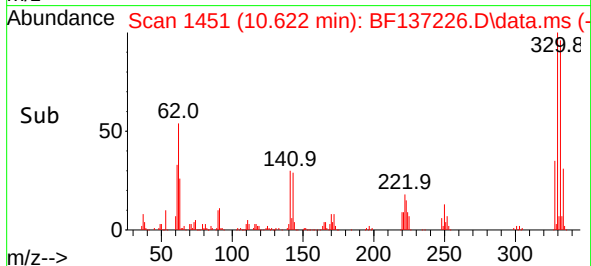
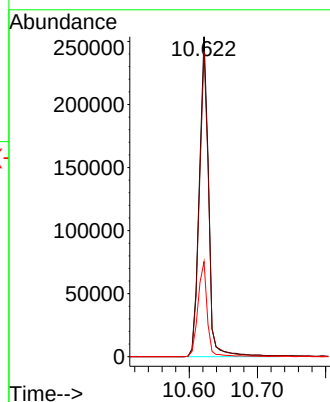
Tgt Ion:330 Resp: 242010

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

141 29.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 83.220 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137226.D

Acq: 01 Feb 2024 12:18

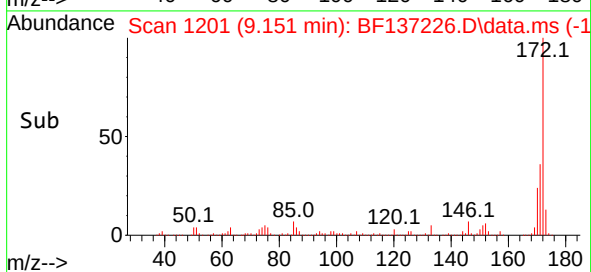
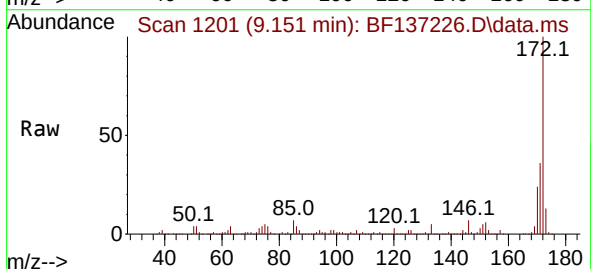
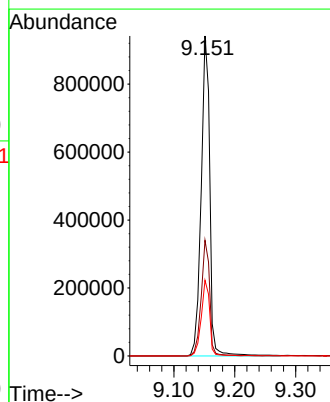
Tgt Ion:172 Resp: 924954

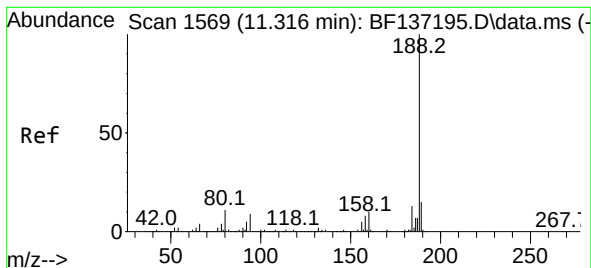
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137226.D

Acq: 01 Feb 2024 12:18

Instrument :

BNA_F

ClientSampleId :

PB158741BL

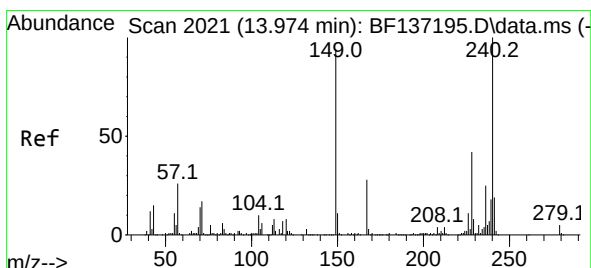
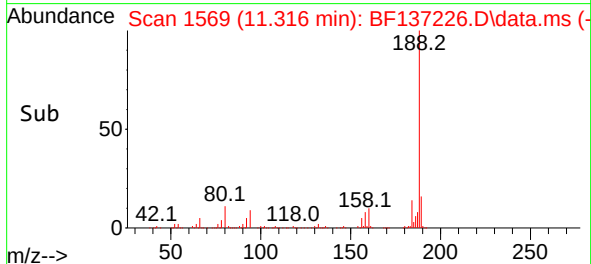
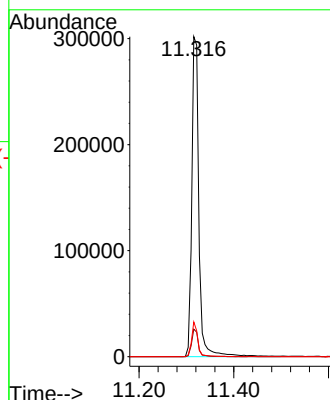
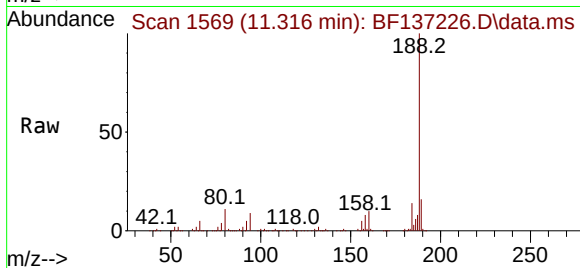
Tgt Ion:188 Resp: 312604

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 10.9 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137226.D

Acq: 01 Feb 2024 12:18

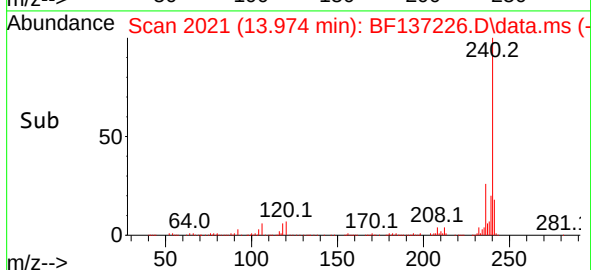
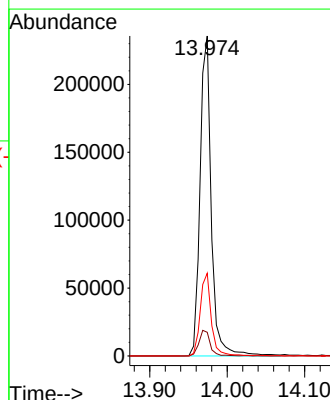
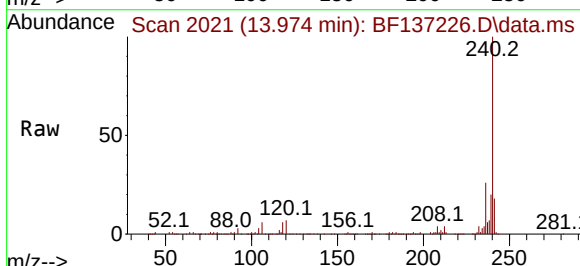
Tgt Ion:240 Resp: 236876

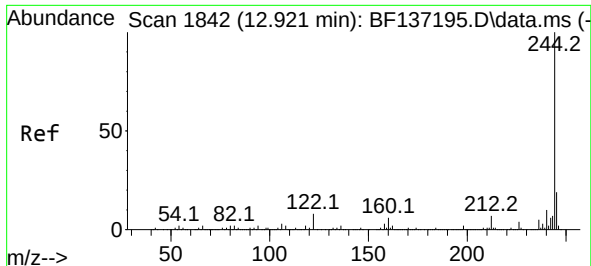
Ion Ratio Lower Upper

240 100

120 7.4 6.3 9.5

236 25.8 20.3 30.5

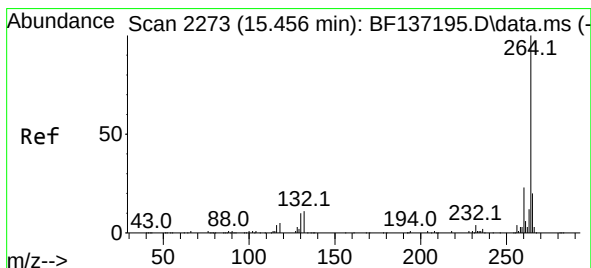
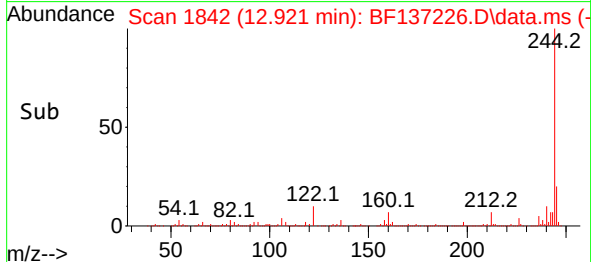
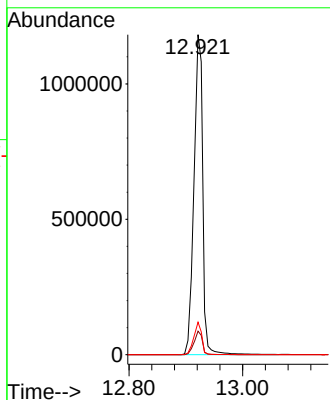
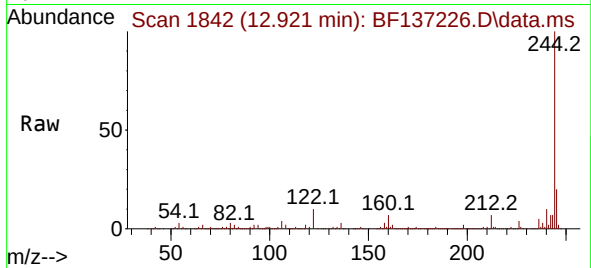




#79
 Terphenyl-d14
 Concen: 73.165 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137226.D
 Acq: 01 Feb 2024 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB158741BL

Tgt Ion:244 Resp: 1274865
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF137226.D
 Acq: 01 Feb 2024 12:18

Tgt Ion:264 Resp: 181004
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 21.3 16.2 24.2

