

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137229.D
 Acq On : 01 Feb 2024 13:47
 Operator : CG\JU
 Sample : PB158728BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158728BL

Quant Time: Feb 01 14:09:48 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	6.792	152	61696	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	238616	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	145703	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	304694	20.000	ng	0.00
76) Chrysene-d12	13.968	240	211979	20.000	ng	0.00
86) Perylene-d12	15.451	264	163580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	571193	152.768	ng	0.02
7) Phenol-d6	6.434	99	728557	136.539	ng	0.00
23) Nitrobenzene-d5	7.357	82	494467	92.777	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	236307	143.608	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	927631	87.520	ng	0.00
79) Terphenyl-d14	12.921	244	1242438	79.679	ng	0.00

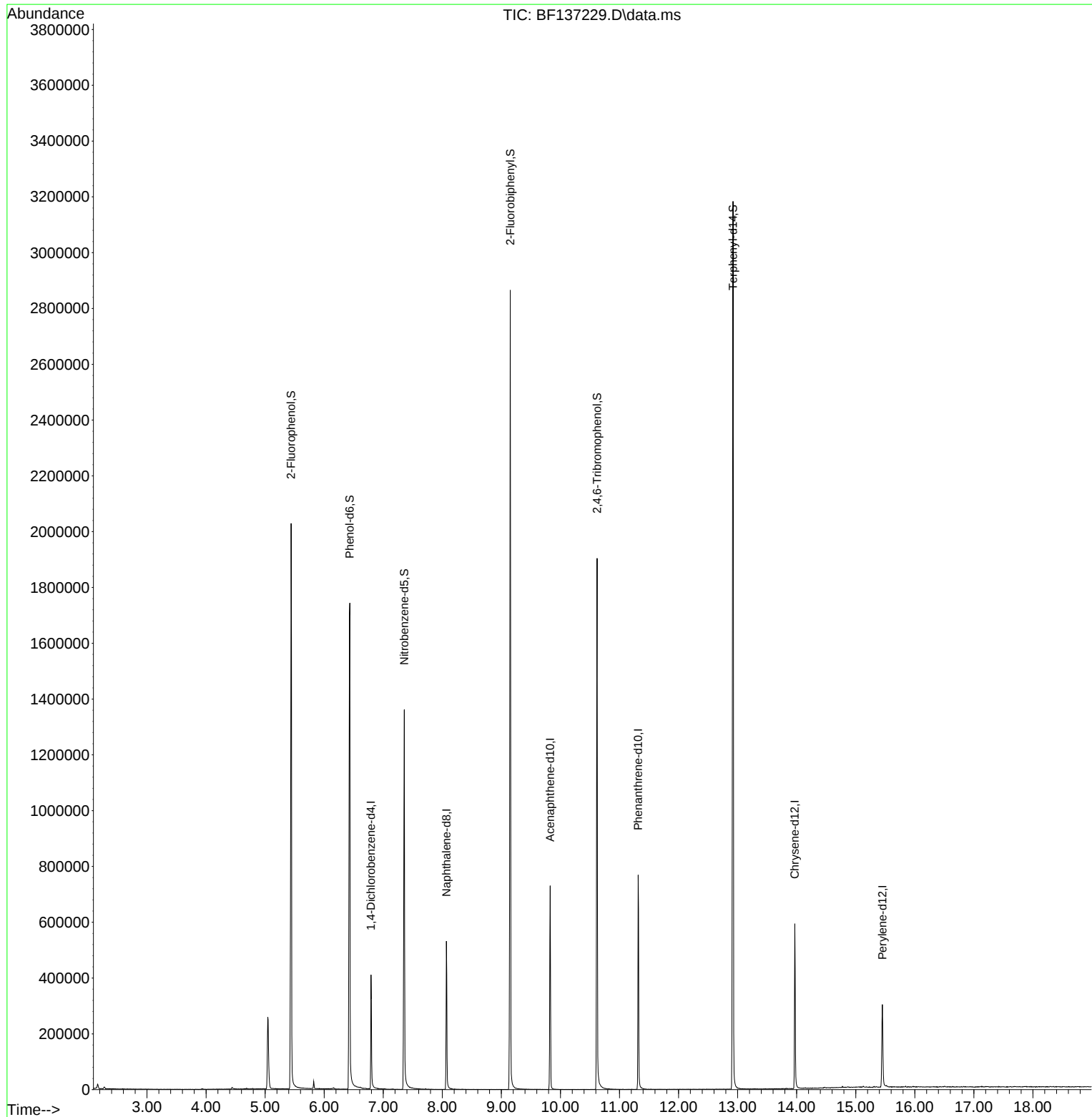
Target Compounds	Qvalue

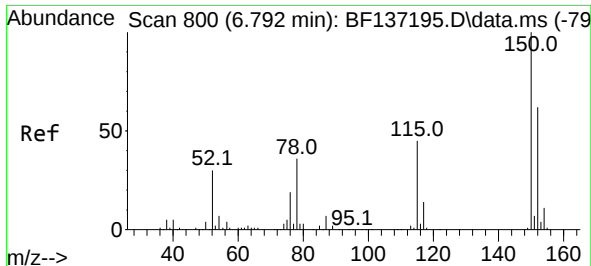
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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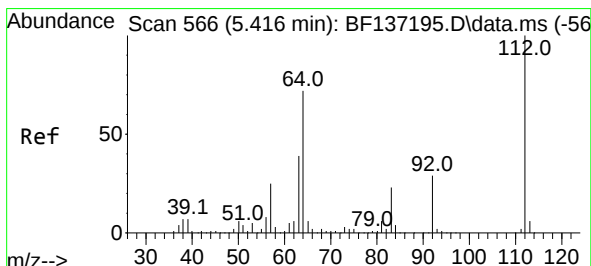
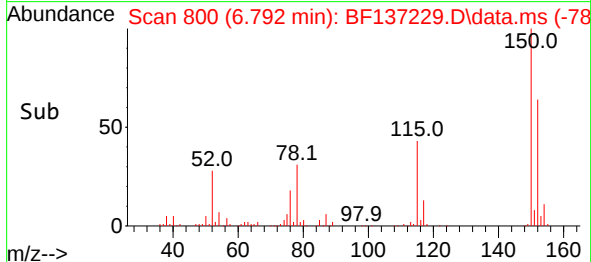
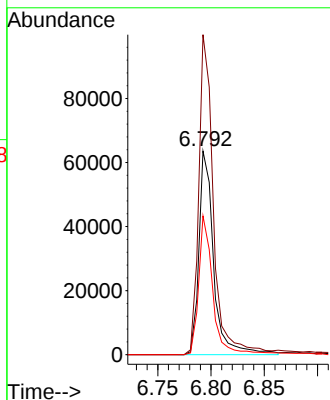
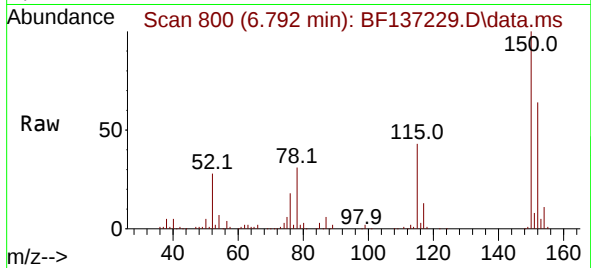




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

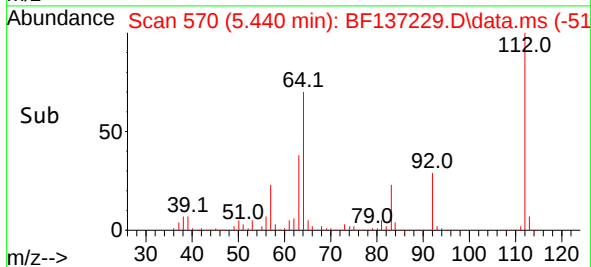
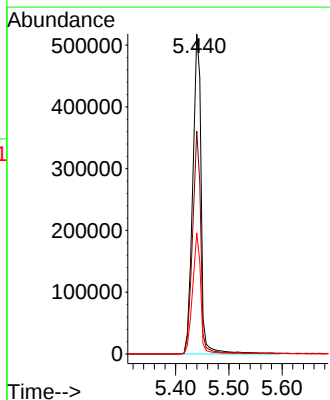
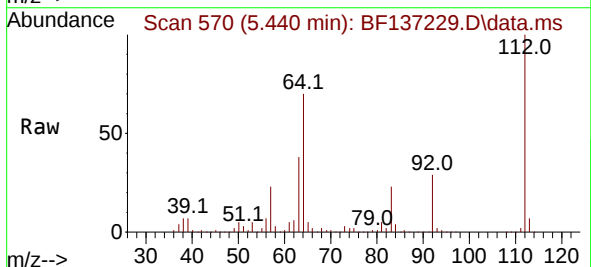
Instrument :
BNA_F
ClientSampleId :
PB158728BL

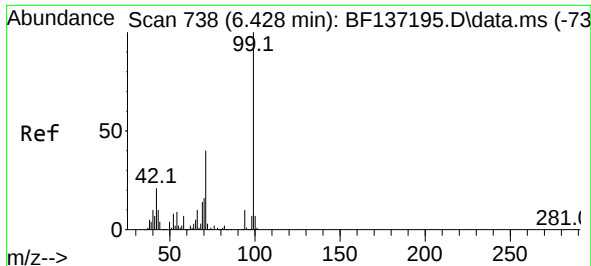
Tgt Ion:152 Resp: 61696
Ion Ratio Lower Upper
152 100
150 157.2 129.8 194.8
115 68.1 58.5 87.7



#5
2-Fluorophenol
Concen: 152.768 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion:112 Resp: 571193
Ion Ratio Lower Upper
112 100
64 69.6 57.8 86.6
63 37.8 31.4 47.0

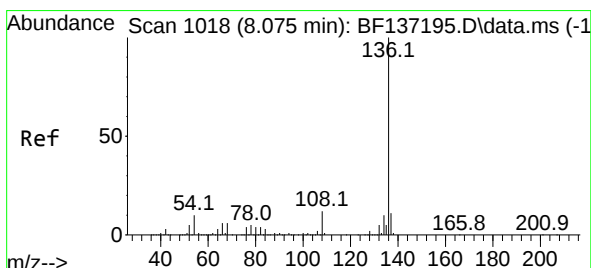
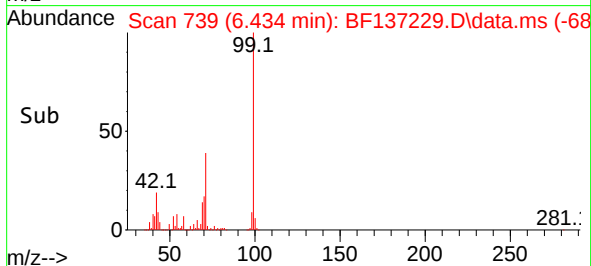
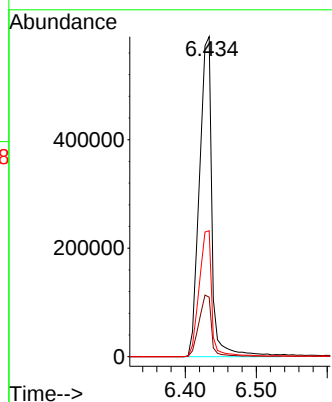
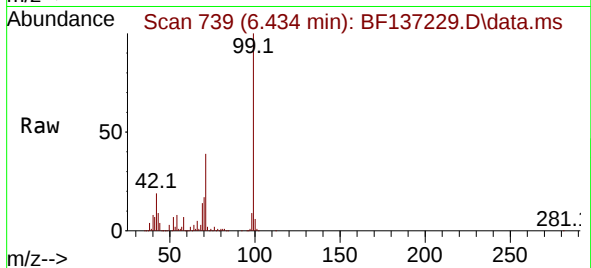




#7
Phenol-d6
Concen: 136.539 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

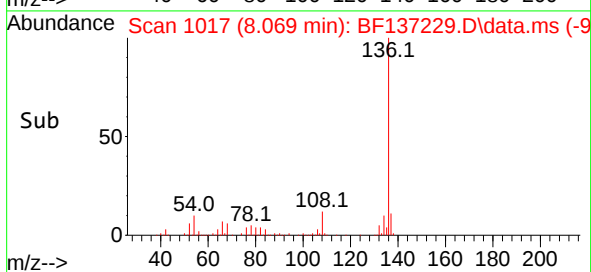
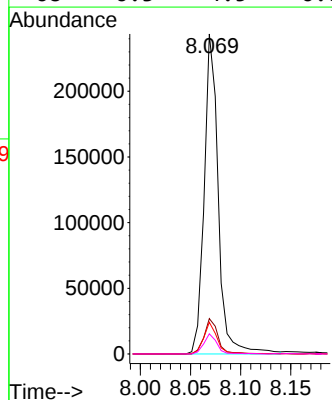
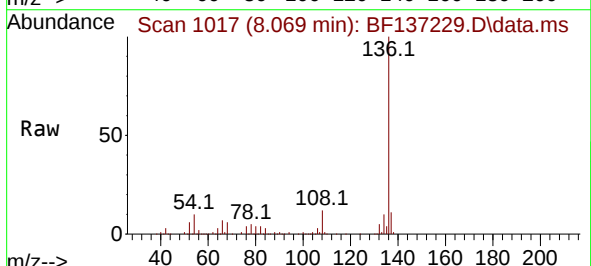
Instrument :
BNA_F
ClientSampleId :
PB158728BL

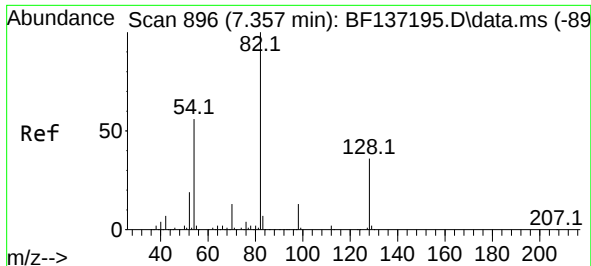
Tgt Ion: 99 Resp: 728557
Ion Ratio Lower Upper
99 100
42 18.6 16.4 24.6
71 39.4 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

Tgt Ion: 136 Resp: 238616
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.9 7.8 11.8
68 6.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 92.777 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137229.D

Acq: 01 Feb 2024 13:47

Instrument :

BNA_F

ClientSampleId :

PB158728BL

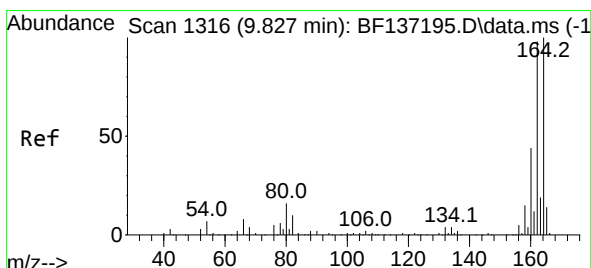
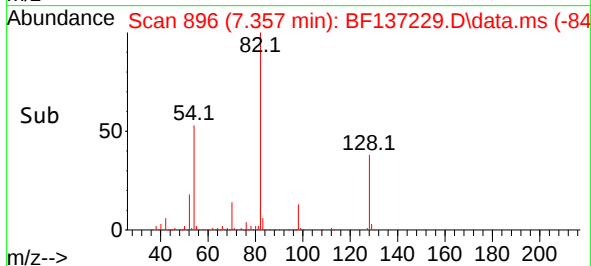
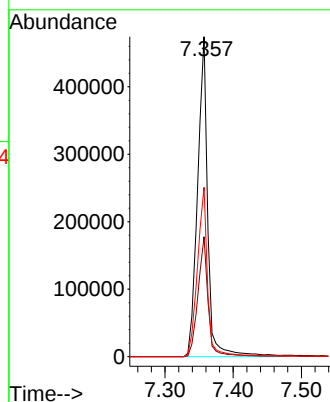
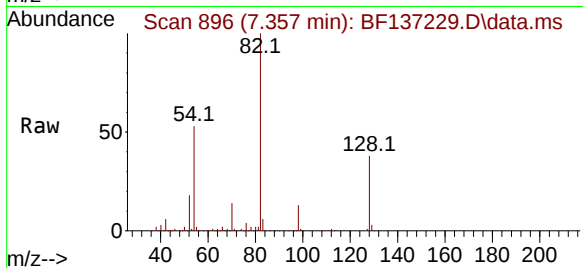
Tgt Ion: 82 Resp: 494467

Ion Ratio Lower Upper

82 100

128 37.5 29.1 43.7

54 53.0 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.001 min

Lab File: BF137229.D

Acq: 01 Feb 2024 13:47

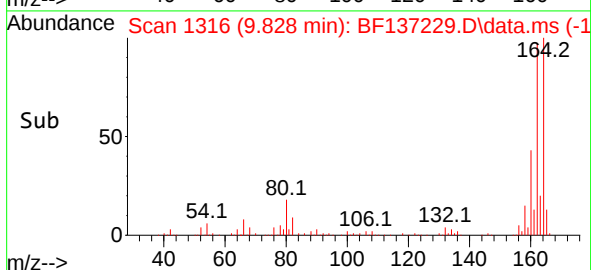
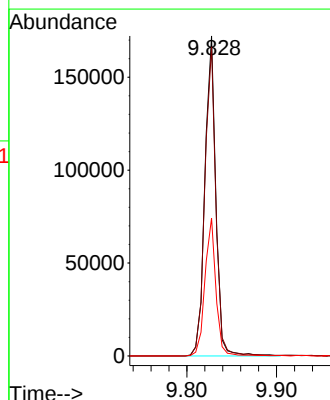
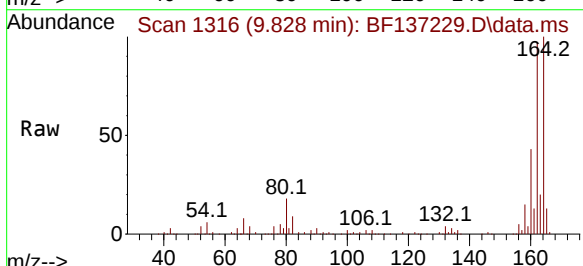
Tgt Ion:164 Resp: 145703

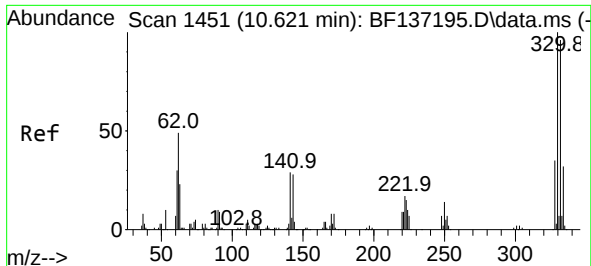
Ion Ratio Lower Upper

164 100

162 96.6 78.3 117.5

160 43.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 143.608 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137229.D

Acq: 01 Feb 2024 13:47

Instrument :

BNA_F

ClientSampleId :

PB158728BL

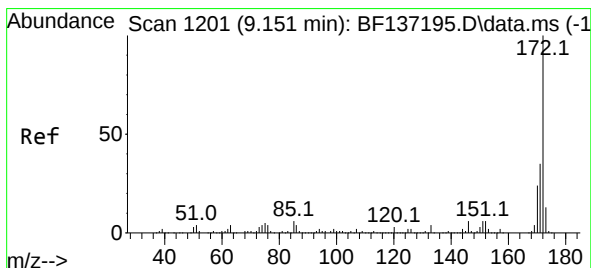
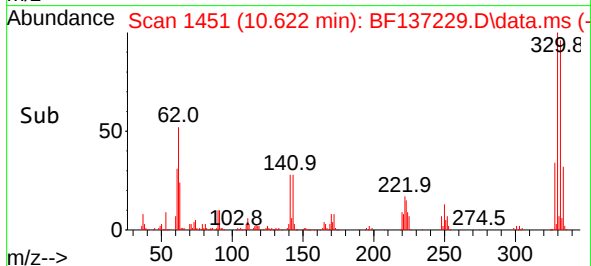
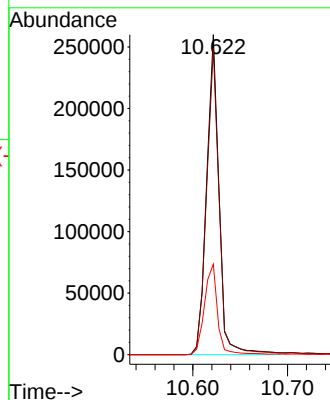
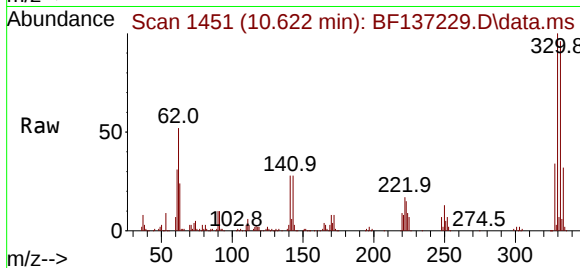
Tgt Ion:330 Resp: 236307

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

141 29.9 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 87.520 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137229.D

Acq: 01 Feb 2024 13:47

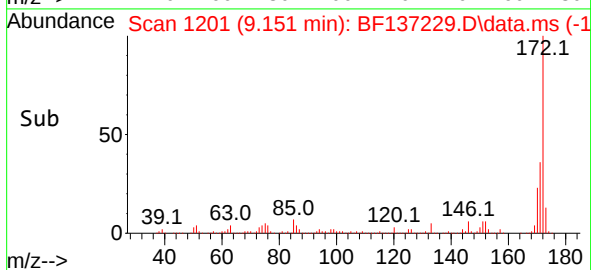
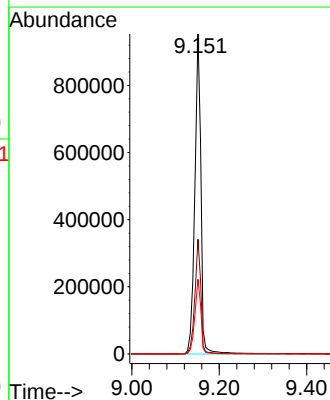
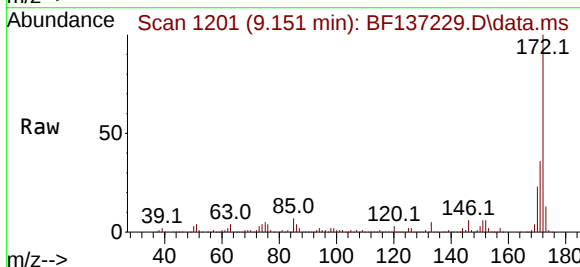
Tgt Ion:172 Resp: 927631

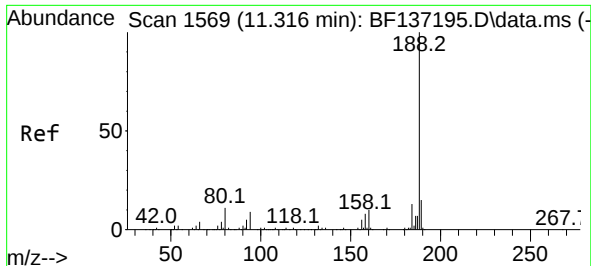
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.4 19.1 28.7

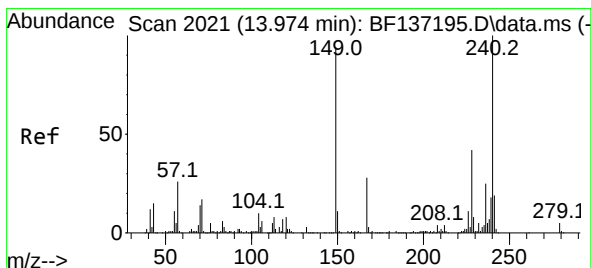
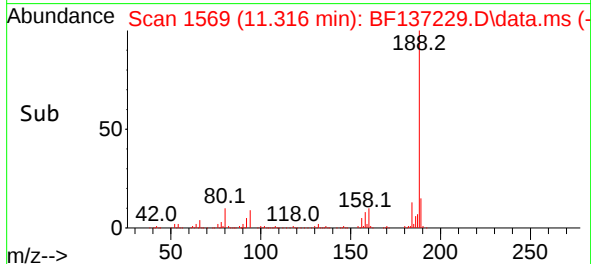
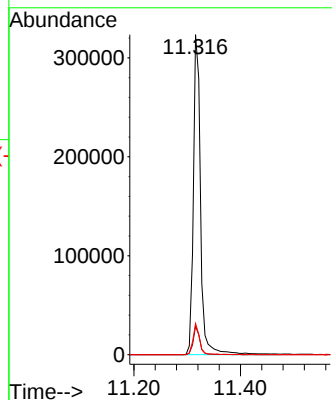
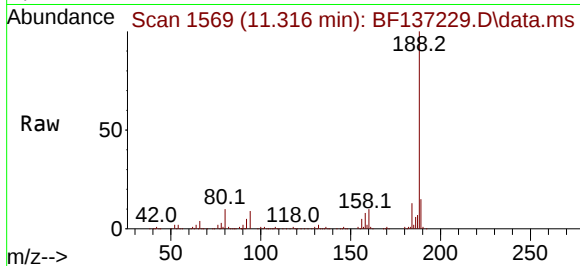




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

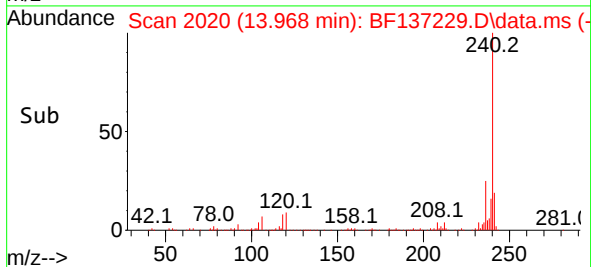
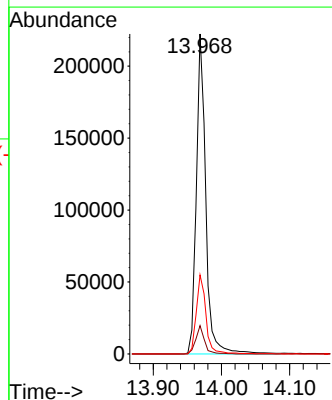
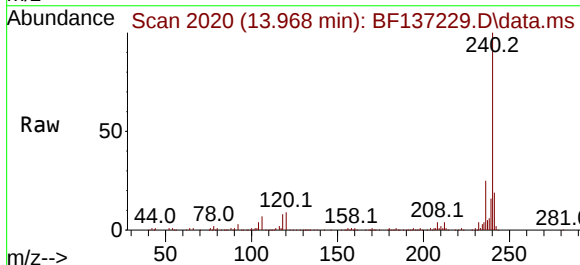
Instrument :
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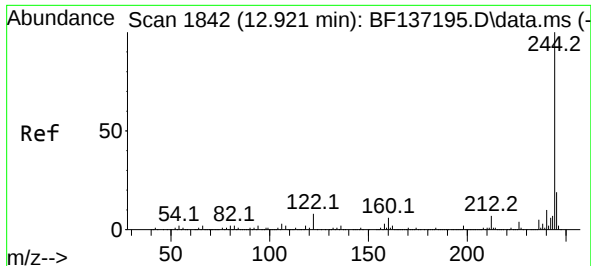
Tgt Ion:188 Resp: 304694
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.8 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137229.D
Acq: 01 Feb 2024 13:47

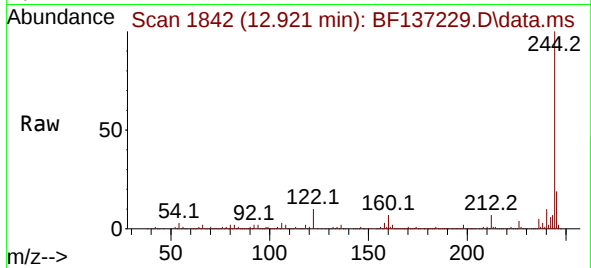
Tgt Ion:240 Resp: 211979
Ion Ratio Lower Upper
240 100
120 8.9 6.3 9.5
236 24.7 20.3 30.5



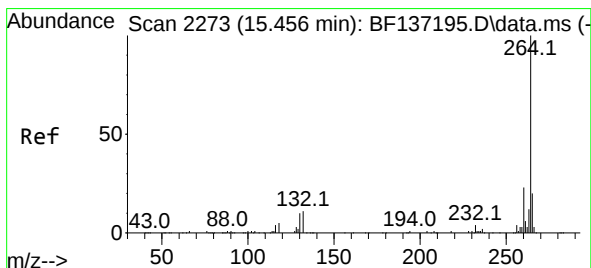
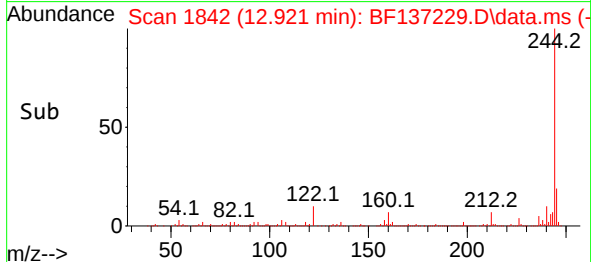
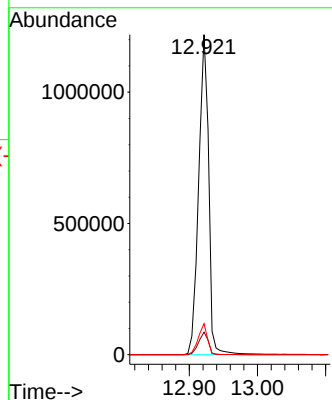


#79
 Terphenyl-d14
 Concen: 79.679 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137229.D
 Acq: 01 Feb 2024 13:47

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1242438
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 9.7 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137229.D
 Acq: 01 Feb 2024 13:47

Tgt Ion:264 Resp: 163580
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 21.8 16.2 24.2

