

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137342.D
 Acq On : 08 Feb 2024 17:21
 Operator : CG\JU
 Sample : P1342-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-323P-GW-20240131-1

Quant Time: Feb 09 01:36:46 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	6.781	152	92190	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	345706	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	183061	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	280632	20.000	ng	0.00
76) Chrysene-d12	13.963	240	199285	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	251794	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	323706	57.939	ng	0.00
7) Phenol-d6	6.422	99	247376	31.026	ng	0.00
23) Nitrobenzene-d5	7.345	82	685768	88.812	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	233291	112.842	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1121847	84.243	ng	0.00
79) Terphenyl-d14	12.910	244	923471	62.996	ng	-0.01

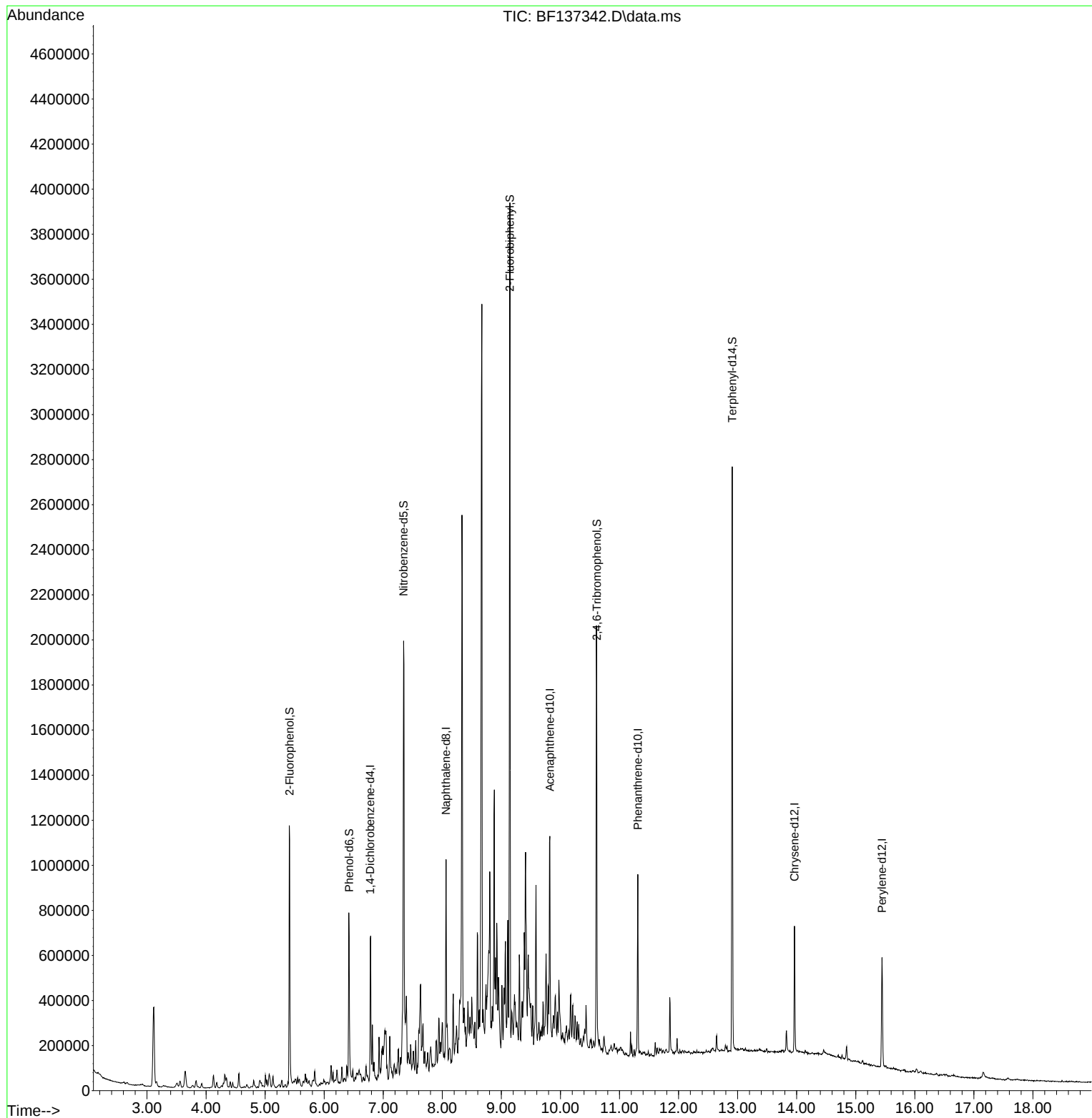
Target Compounds	Qvalue

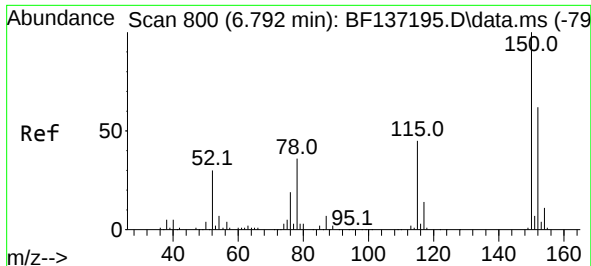
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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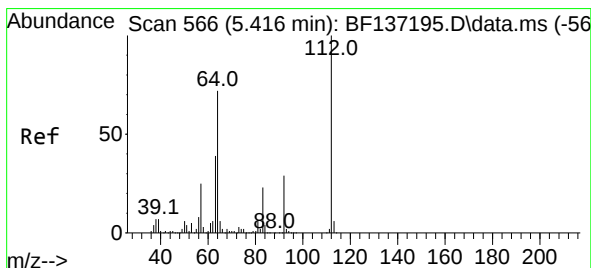
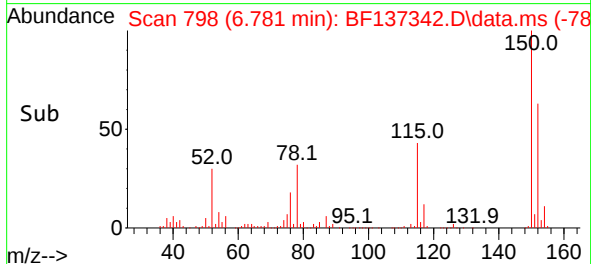
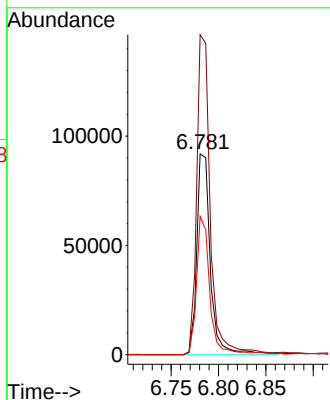
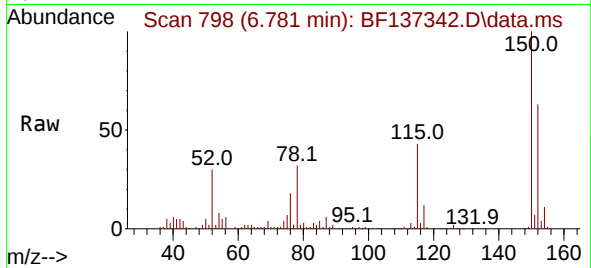




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137342.D
Acq: 08 Feb 2024 17:21

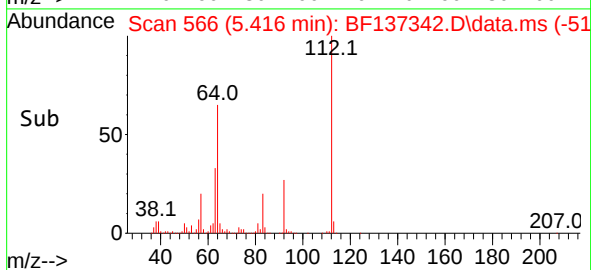
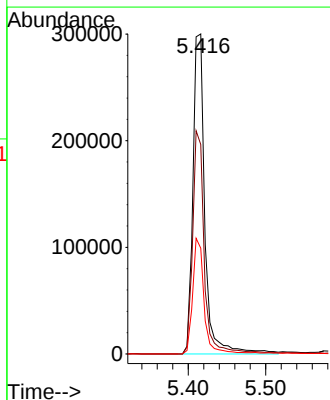
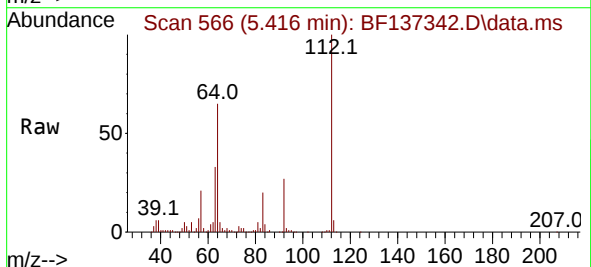
Instrument :
BNA_F
ClientSampleId :
MR-323P-GW-20240131-1

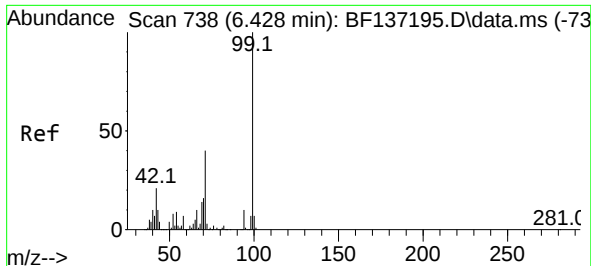
Tgt Ion:152 Resp: 92190
Ion Ratio Lower Upper
152 100
150 159.4 129.8 194.8
115 68.8 58.5 87.7



#5
2-Fluorophenol
Concen: 57.939 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137342.D
Acq: 08 Feb 2024 17:21

Tgt Ion:112 Resp: 323706
Ion Ratio Lower Upper
112 100
64 65.4 57.8 86.6
63 33.0 31.4 47.0

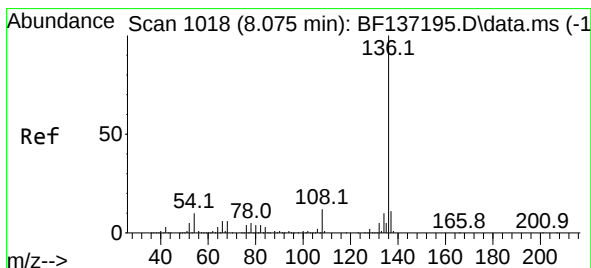
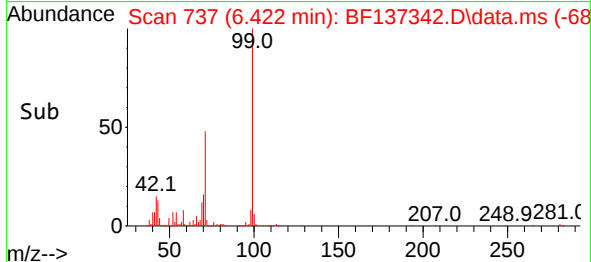
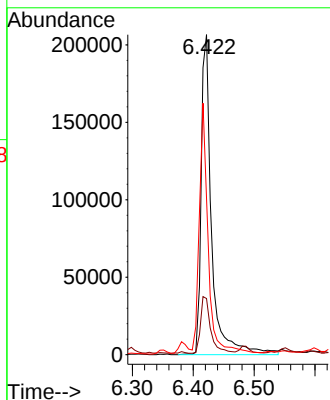
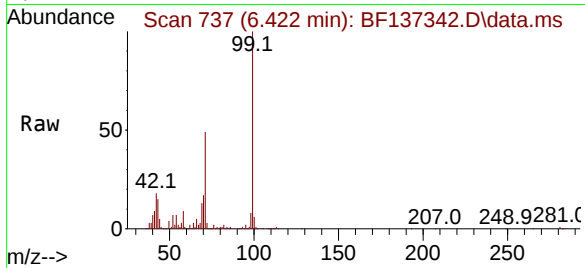




#7
Phenol-d6
Concen: 31.026 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137342.D
Acq: 08 Feb 2024 17:21

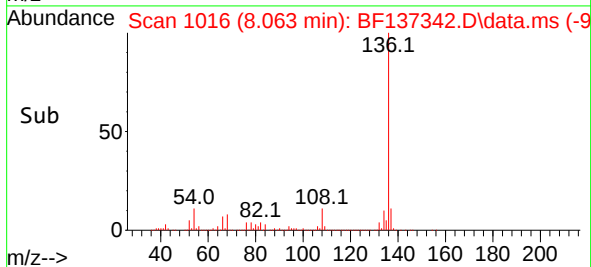
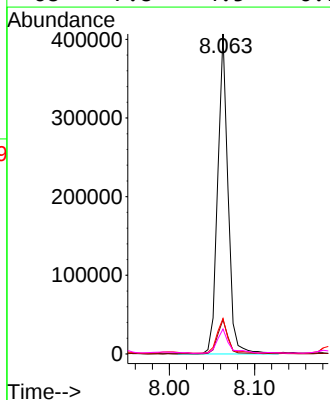
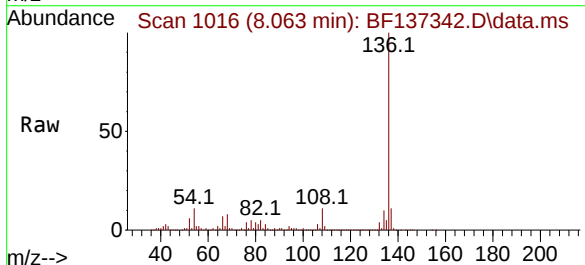
Instrument :
BNA_F
ClientSampleId :
MR-323P-GW-20240131-1

Tgt Ion: 99 Resp: 247376
Ion Ratio Lower Upper
99 100
42 17.5 16.4 24.6
71 48.9 32.4 48.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137342.D
Acq: 08 Feb 2024 17:21

Tgt Ion:136 Resp: 345706
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 11.1 7.8 11.8
68 7.8 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 88.812 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF137342.D

Acq: 08 Feb 2024 17:21

Instrument :

BNA_F

ClientSampleId :

MR-323P-GW-20240131-1

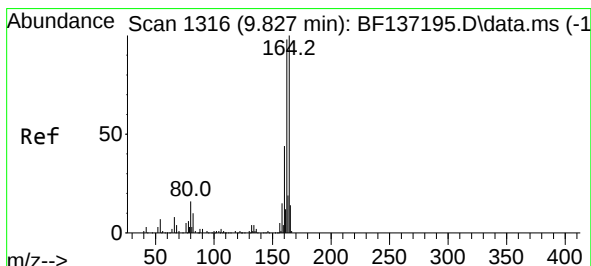
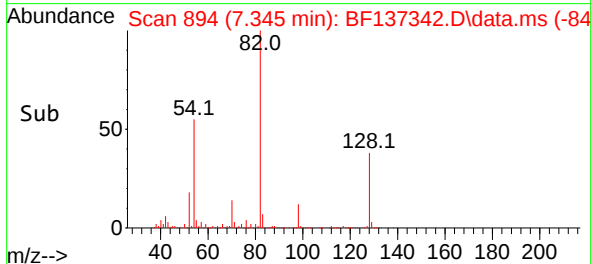
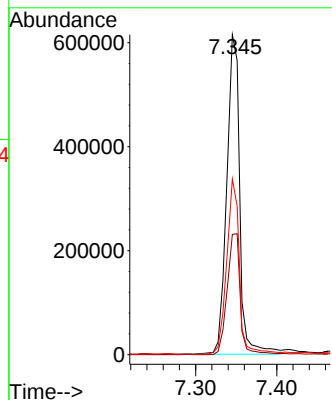
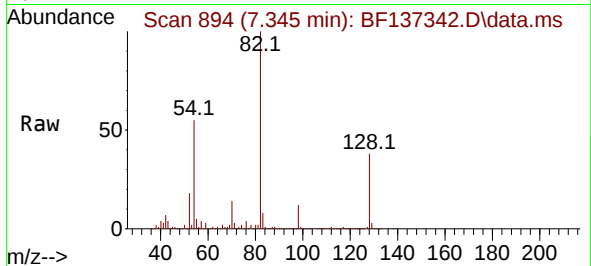
Tgt Ion: 82 Resp: 685768

Ion Ratio Lower Upper

82 100

128 37.6 29.1 43.7

54 54.9 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.005 min

Lab File: BF137342.D

Acq: 08 Feb 2024 17:21

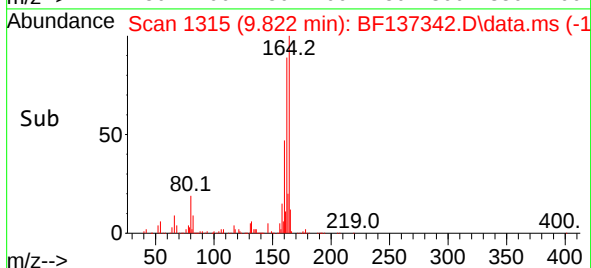
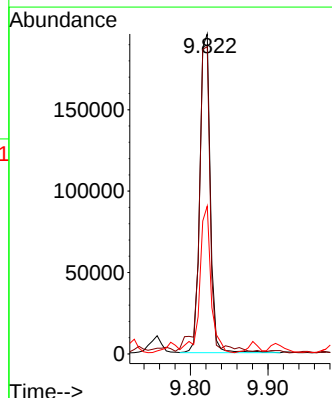
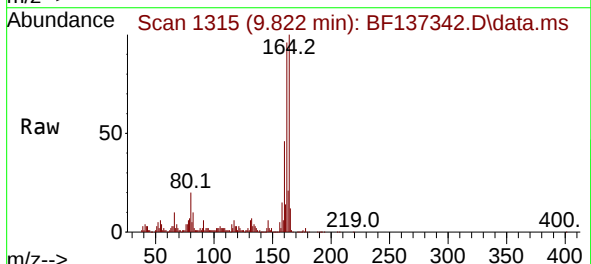
Tgt Ion:164 Resp: 183061

Ion Ratio Lower Upper

164 100

162 96.1 78.3 117.5

160 46.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 112.842 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137342.D

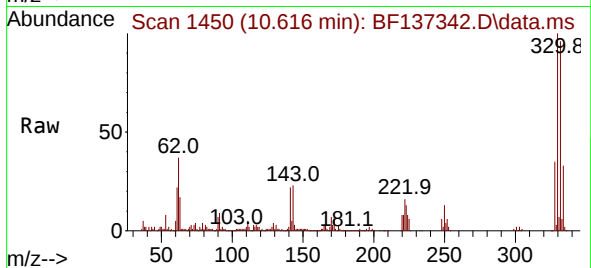
Acq: 08 Feb 2024 17:21

Instrument :

BNA_F

ClientSampleId :

MR-323P-GW-20240131-1



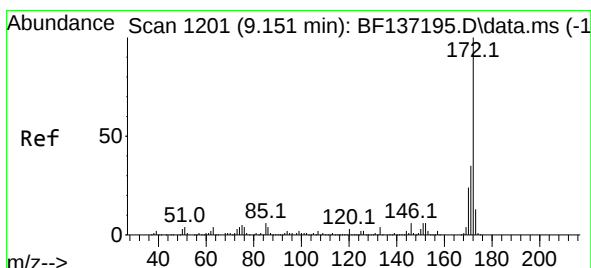
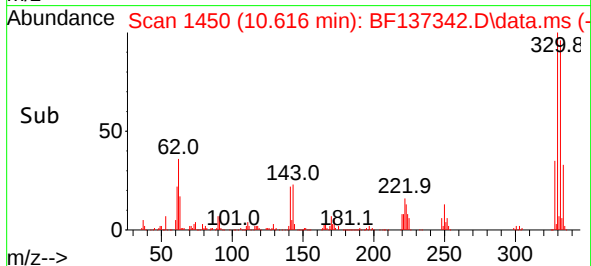
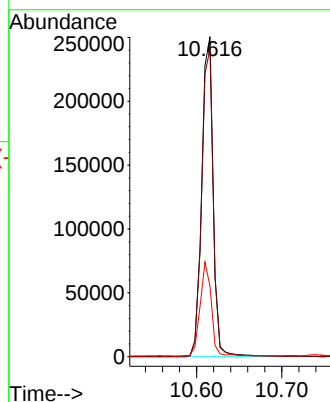
Tgt Ion:330 Resp: 233291

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 28.6 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 84.243 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137342.D

Acq: 08 Feb 2024 17:21

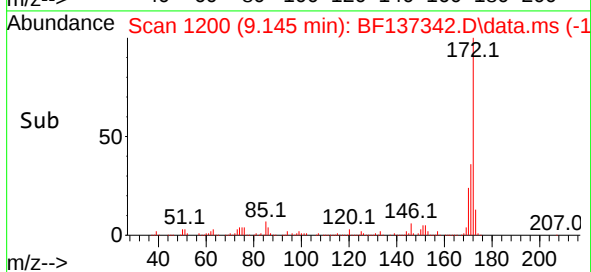
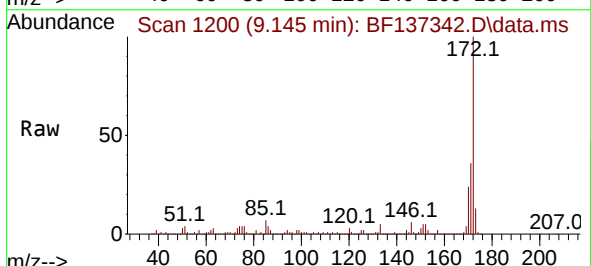
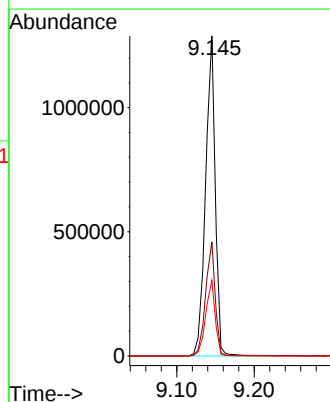
Tgt Ion:172 Resp: 1121847

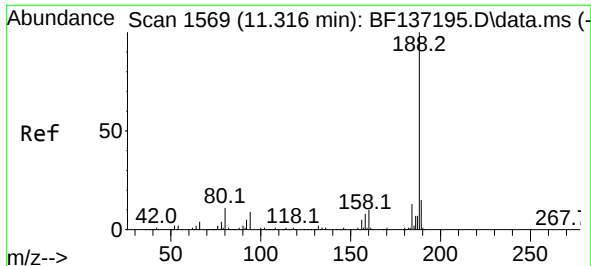
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.6 19.1 28.7

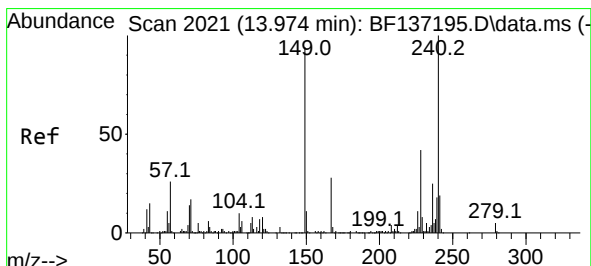
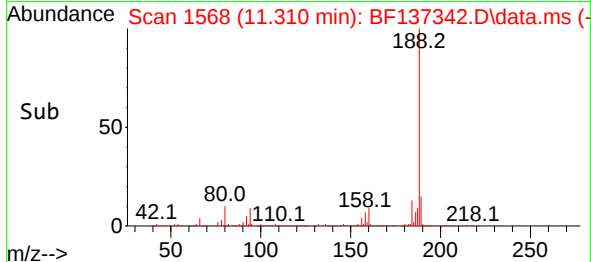
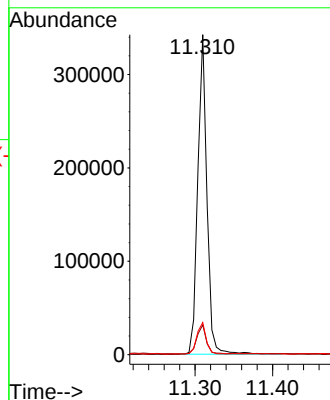
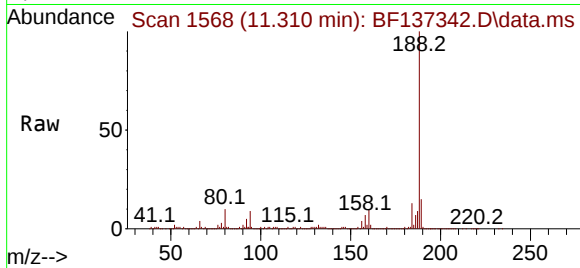




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137342.D
Acq: 08 Feb 2024 17:21

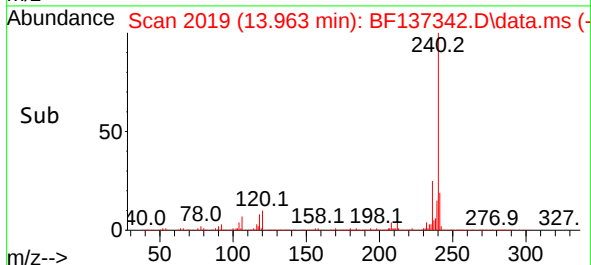
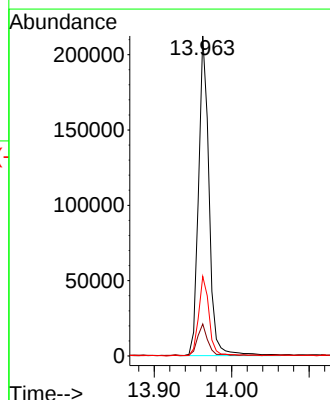
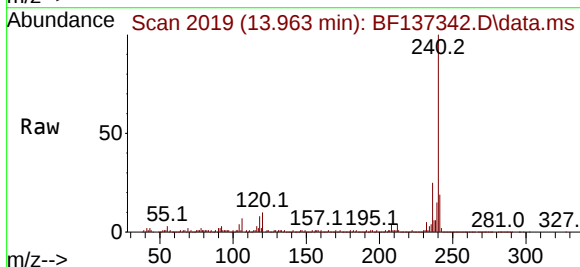
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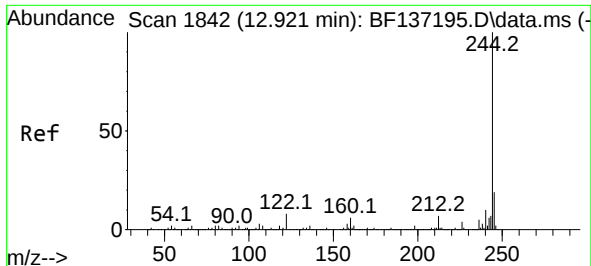
Tgt Ion:188 Resp: 280632
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137342.D
Acq: 08 Feb 2024 17:21

Tgt Ion:240 Resp: 199285
Ion Ratio Lower Upper
240 100
120 10.0 6.3 9.5#
236 24.9 20.3 30.5

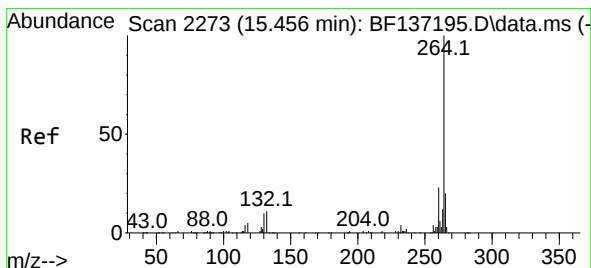
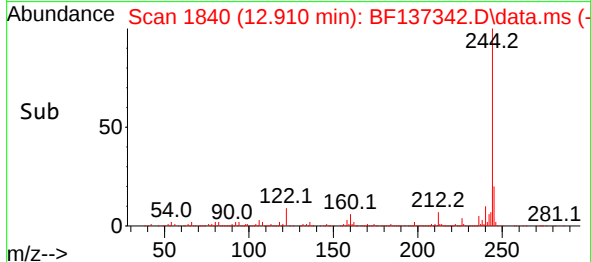
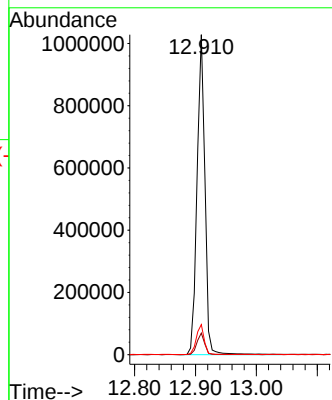
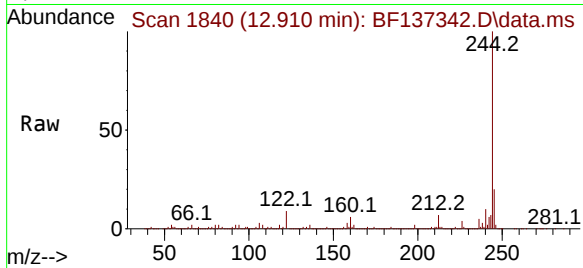




#79
 Terphenyl-d14
 Concen: 62.996 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137342.D
 Acq: 08 Feb 2024 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MR-323P-GW-20240131-1

Tgt Ion:244 Resp: 923471
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 9.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137342.D
 Acq: 08 Feb 2024 17:21

Tgt Ion:264 Resp: 251794
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.4
 265 21.1 16.2 24.2

