

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137249.D
 Acq On : 02 Feb 2024 10:43
 Operator : CG\JU
 Sample : PB158743TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158743TB

Quant Time: Feb 02 11:15:09 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	58742	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	237487	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	148857	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	305254	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	215828	20.000	ng	-0.01
86) Perylene-d12	15.445	264	158494	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	563255	158.220	ng	0.02
7) Phenol-d6	6.428	99	744305	146.505	ng	0.00
23) Nitrobenzene-d5	7.351	82	501799	94.600	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	248703	147.939	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	943845	87.162	ng	0.00
79) Terphenyl-d14	12.921	244	1275783	80.358	ng	0.00

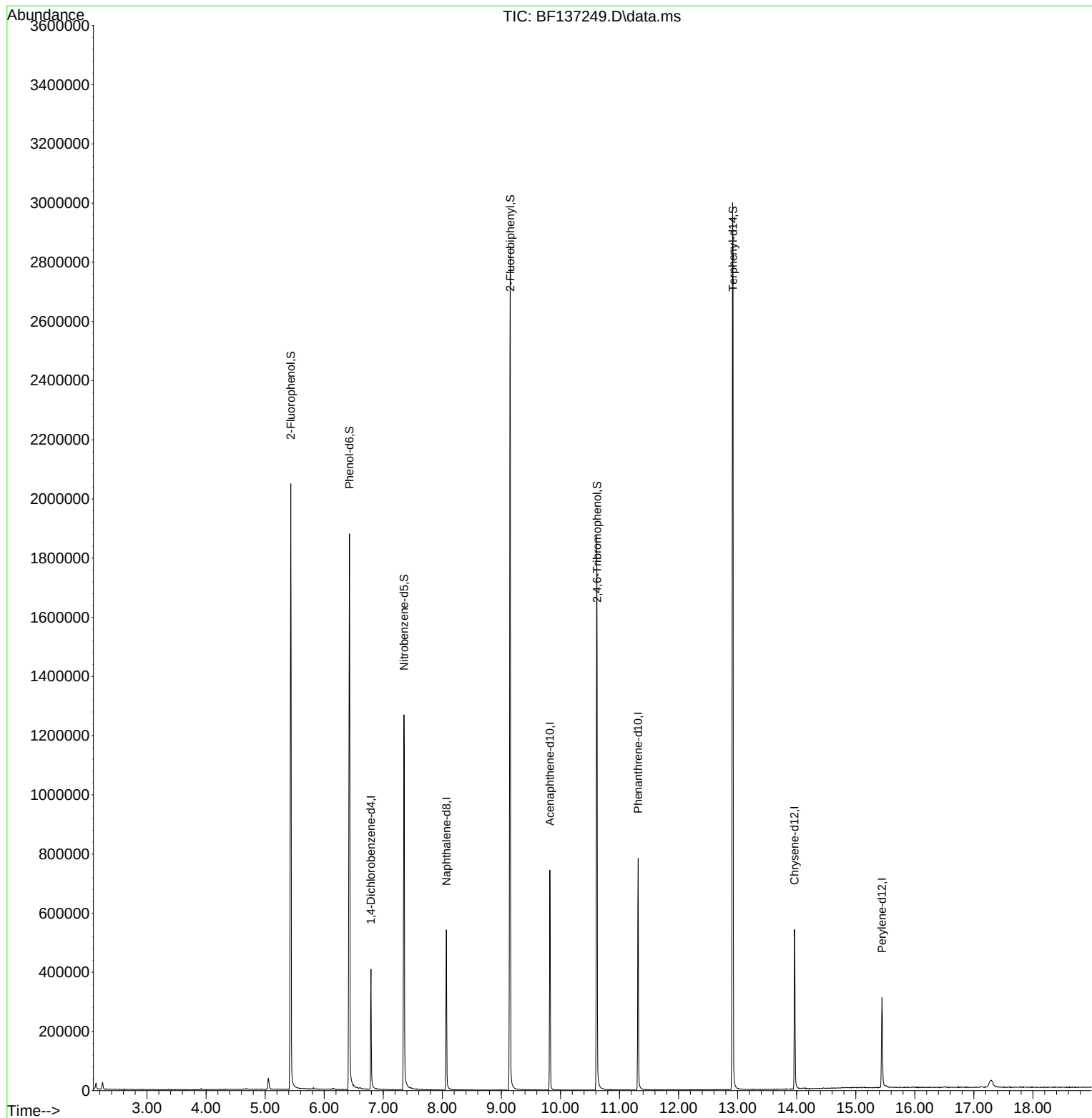
Target Compounds	Qvalue

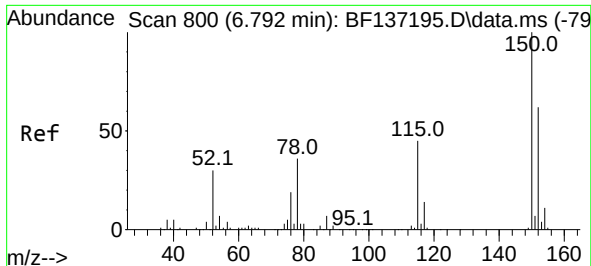
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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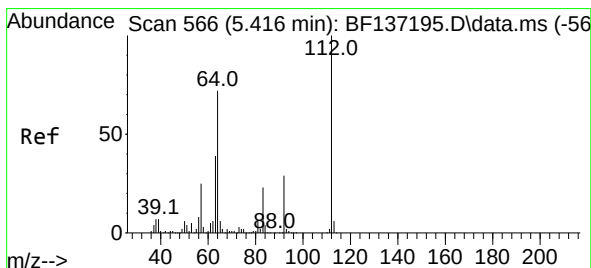
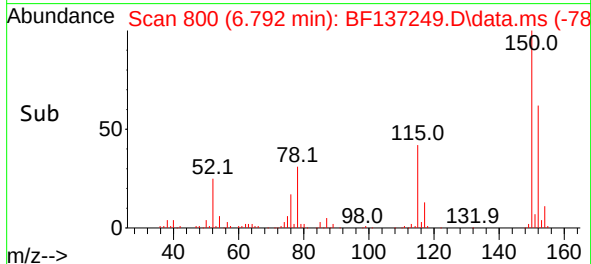
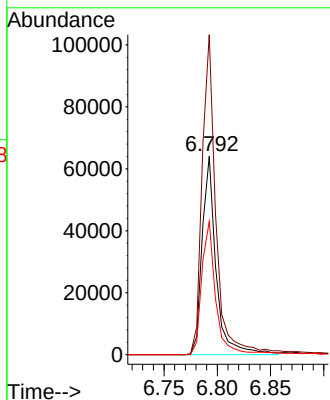
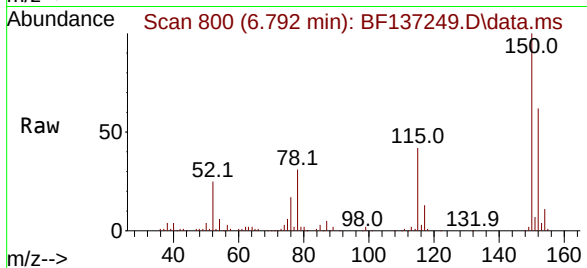




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

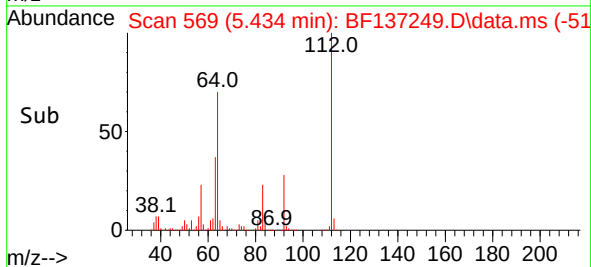
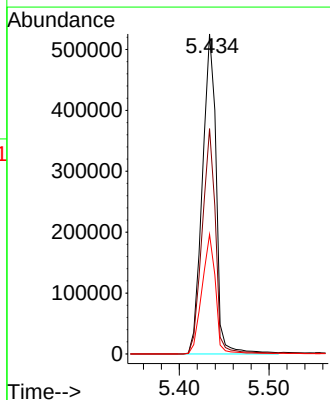
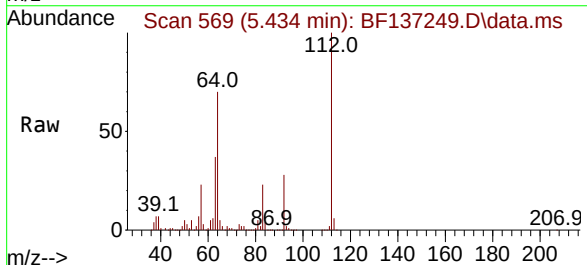
Instrument :
BNA_F
ClientSampleId :
PB158743TB

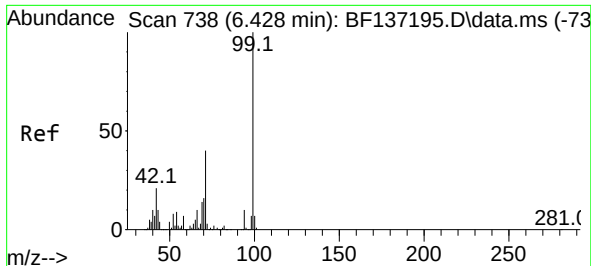
Tgt Ion:152 Resp: 58742
Ion Ratio Lower Upper
152 100
150 161.2 129.8 194.8
115 67.1 58.5 87.7



#5
2-Fluorophenol
Concen: 158.220 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion:112 Resp: 563255
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.6
63 37.4 31.4 47.0

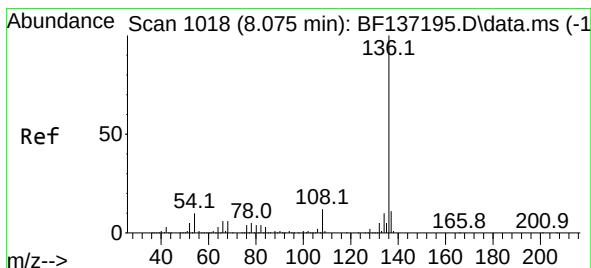
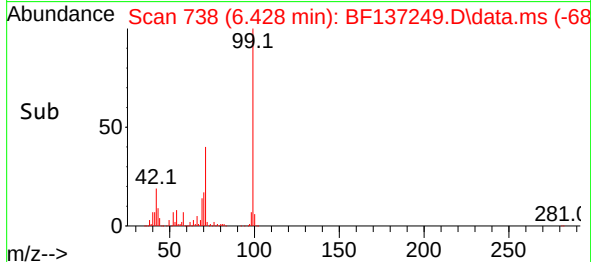
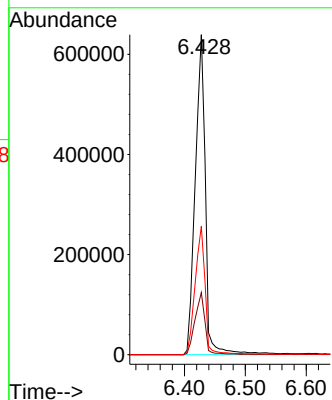
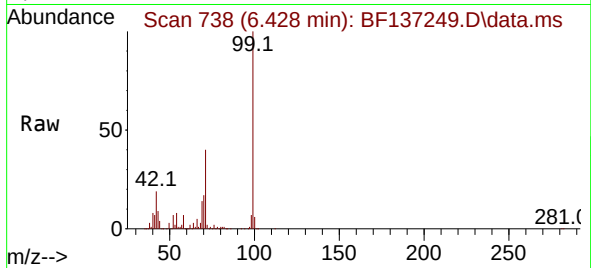




#7
Phenol-d6
Concen: 146.505 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

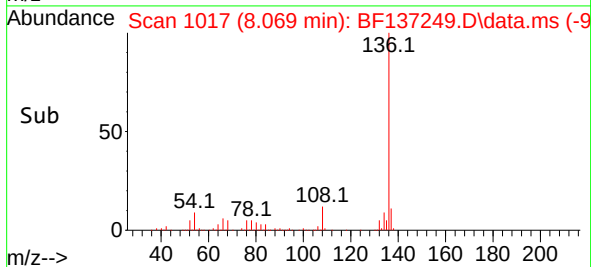
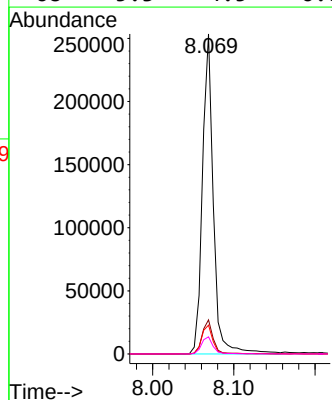
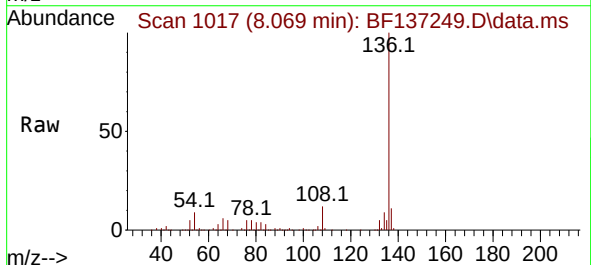
Instrument :
BNA_F
ClientSampleId :
PB158743TB

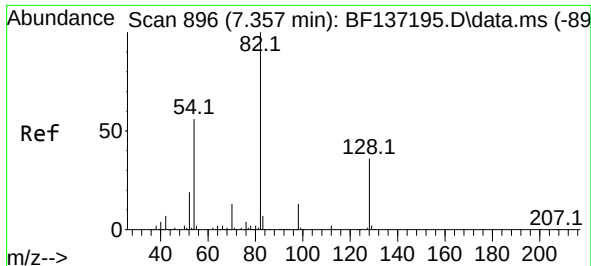
Tgt Ion: 99 Resp: 744305
Ion Ratio Lower Upper
99 100
42 19.4 16.4 24.6
71 40.1 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion: 136 Resp: 237487
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.0 7.8 11.8
68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 94.600 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137249.D

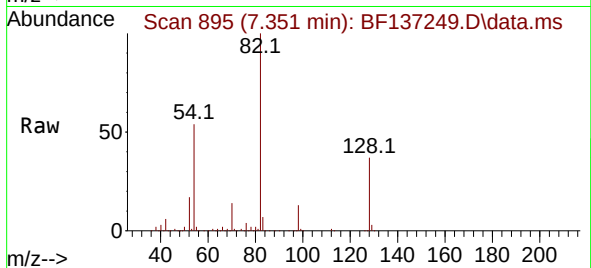
Acq: 02 Feb 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB158743TB



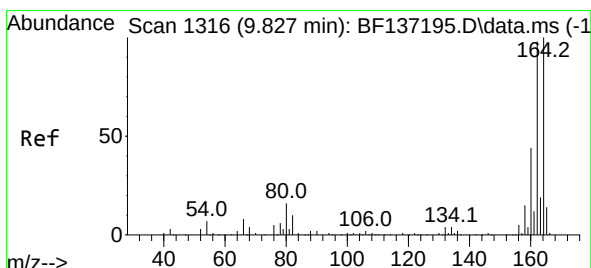
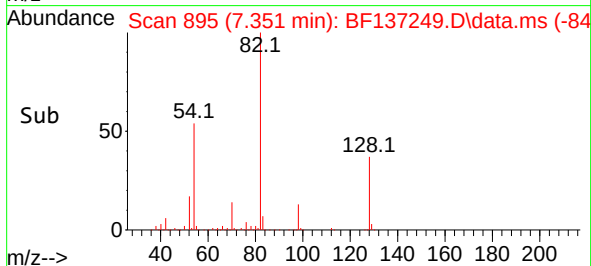
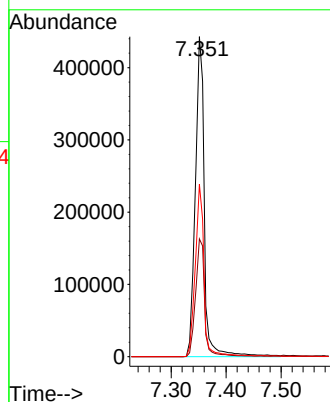
Tgt Ion: 82 Resp: 501799

Ion Ratio Lower Upper

82 100

128 36.8 29.1 43.7

54 53.9 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: BF137249.D

Acq: 02 Feb 2024 10:43

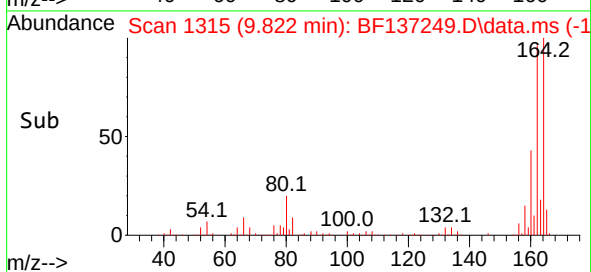
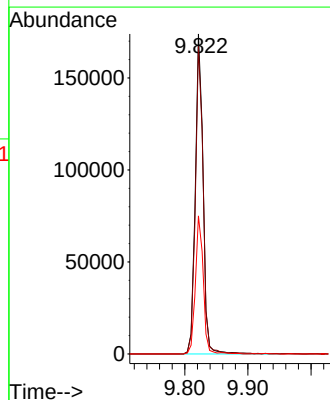
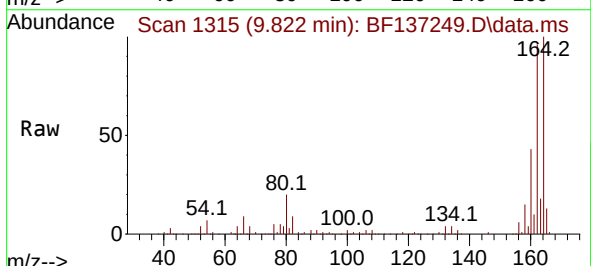
Tgt Ion: 164 Resp: 148857

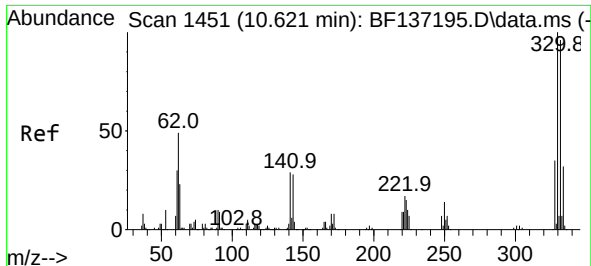
Ion Ratio Lower Upper

164 100

162 96.1 78.3 117.5

160 43.1 35.4 53.2

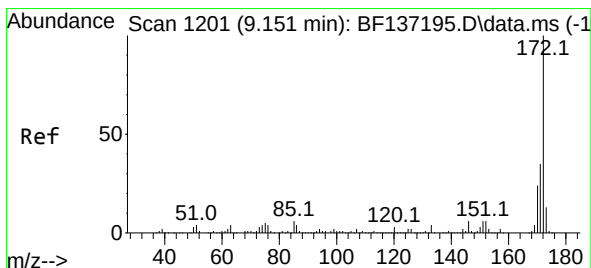
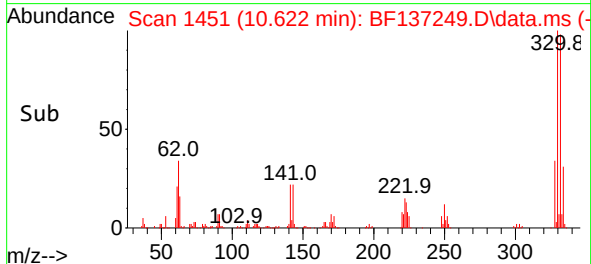
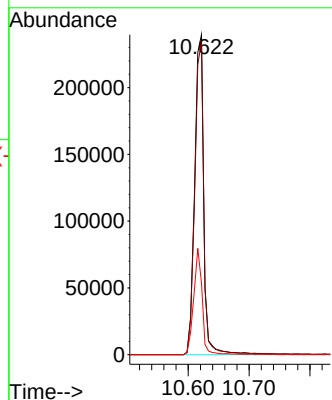
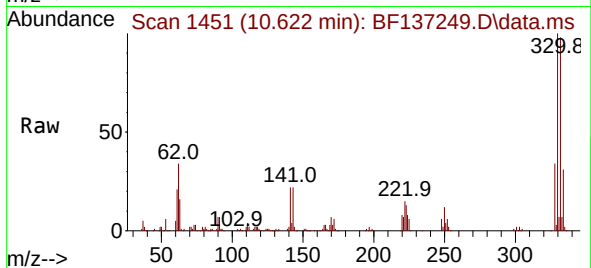




#42
2,4,6-Tribromophenol
Concen: 147.939 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

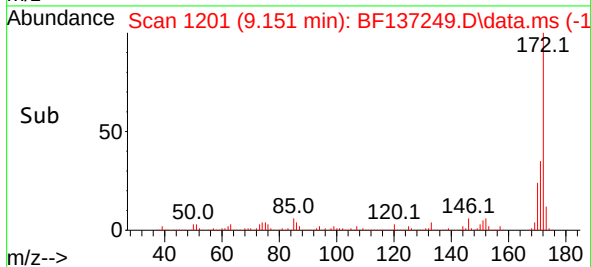
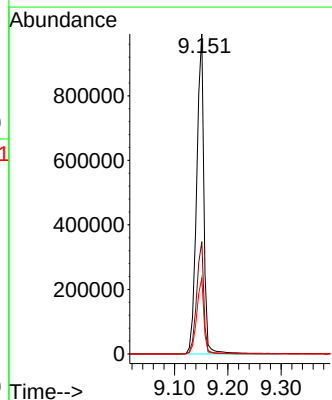
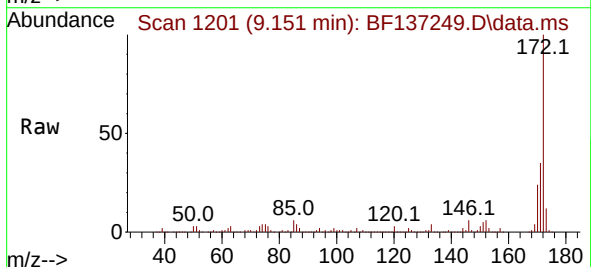
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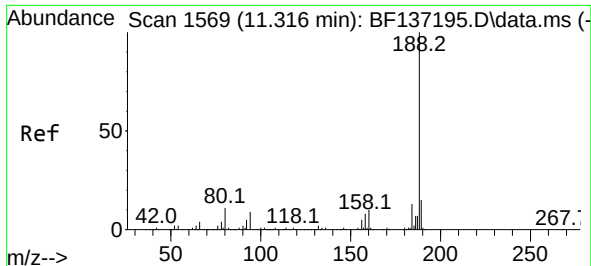
Tgt Ion:330 Resp: 248703
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.8 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 87.162 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion:172 Resp: 943845
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.1 28.7

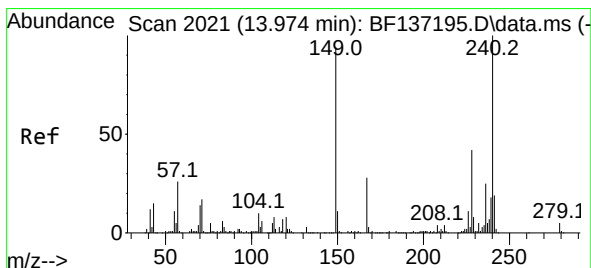
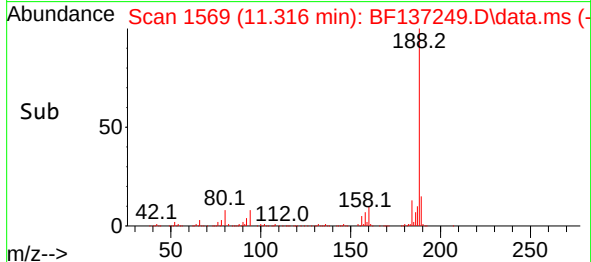
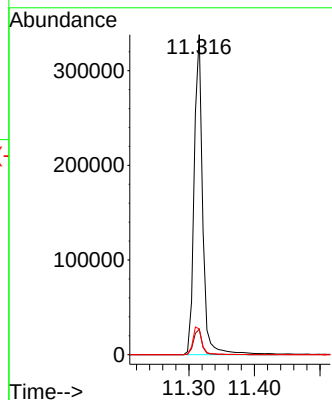
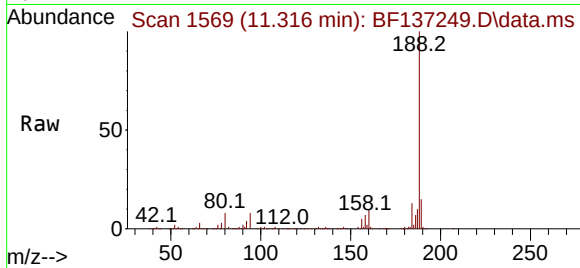




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

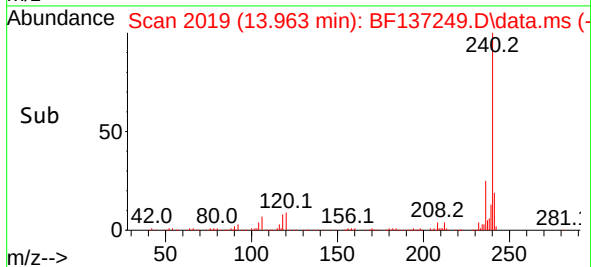
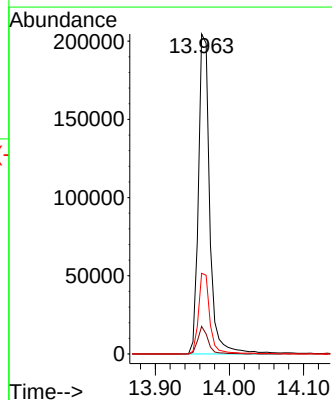
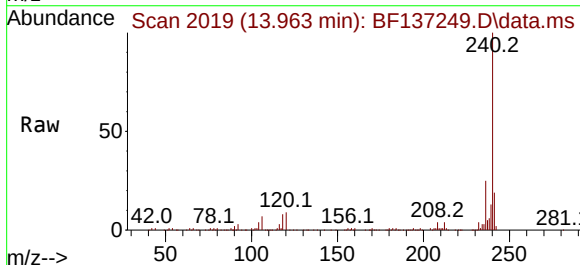
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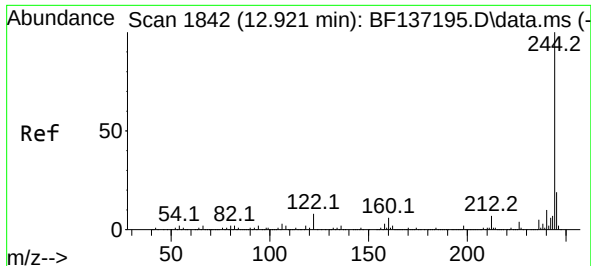
Tgt Ion:188 Resp: 305254
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.0 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion:240 Resp: 215828
Ion Ratio Lower Upper
240 100
120 8.6 6.3 9.5
236 25.2 20.3 30.5

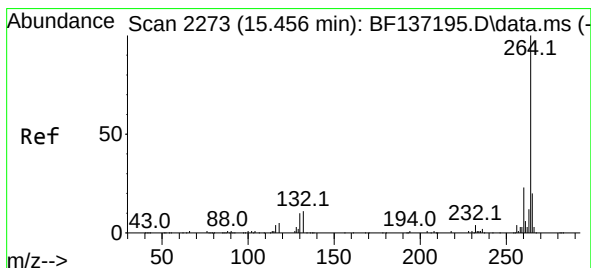
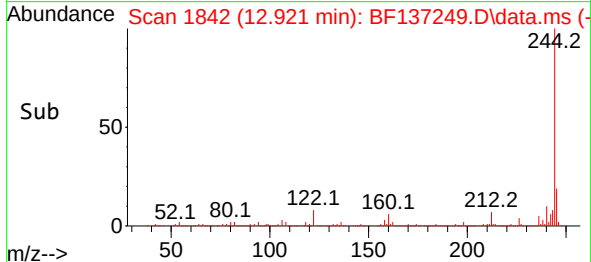
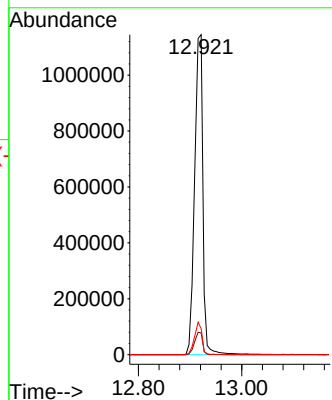
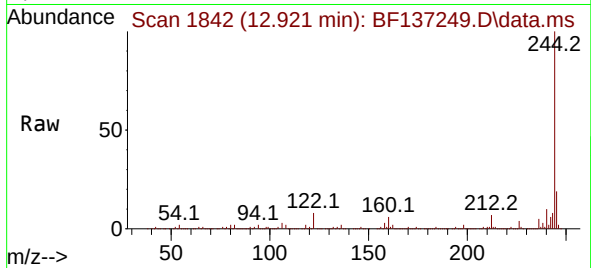




#79
 Terphenyl-d14
 Concen: 80.358 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137249.D
 Acq: 02 Feb 2024 10:43

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1275783
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.1 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: BF137249.D
 Acq: 02 Feb 2024 10:43

Tgt Ion:264 Resp: 158494
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.2 27.4
 265 21.3 16.2 24.2

