

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137231.D
 Acq On : 01 Feb 2024 14:51
 Operator : CG\JU
 Sample : P1270-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUID-20240126

Quant Time: Feb 01 15:13:46 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	6.793	152	55466	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	212867	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	115416	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	193079	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	135382	20.000	ng	0.00
86) Perylene-d12	15.451	264	128456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	202828	60.340	ng	0.00
7) Phenol-d6	6.416	99	154714	32.252	ng	-0.01
23) Nitrobenzene-d5	7.351	82	438063	92.136	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	179877	138.000	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	777490	92.603	ng	0.00
79) Terphenyl-d14	12.916	244	768874	77.207	ng	0.00

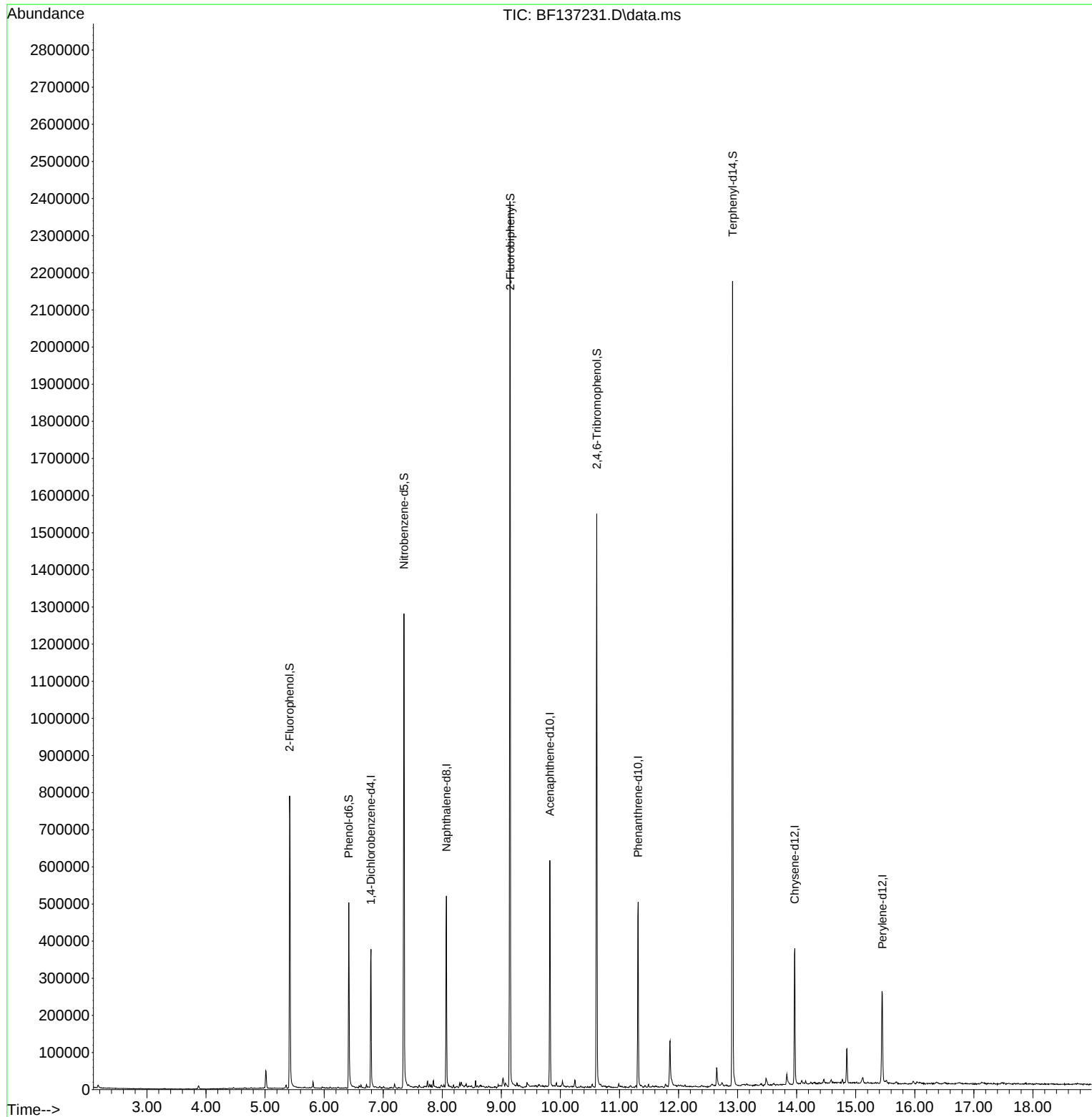
Target Compounds	Qvalue

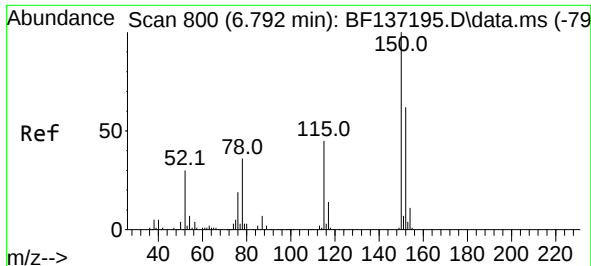
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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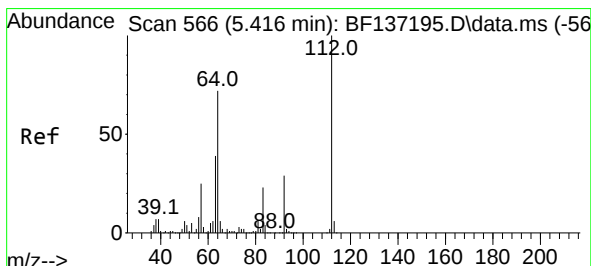
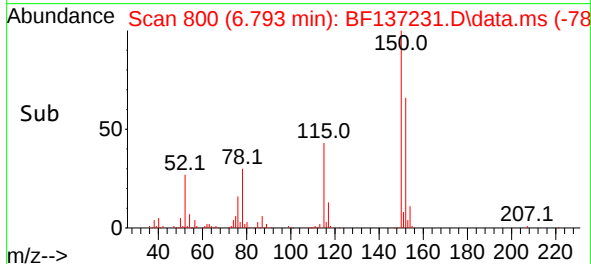
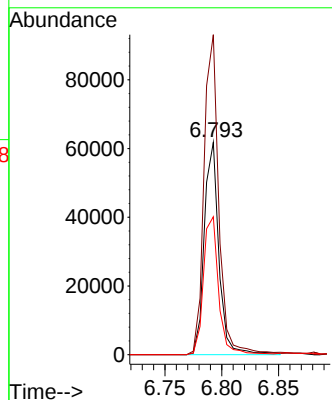
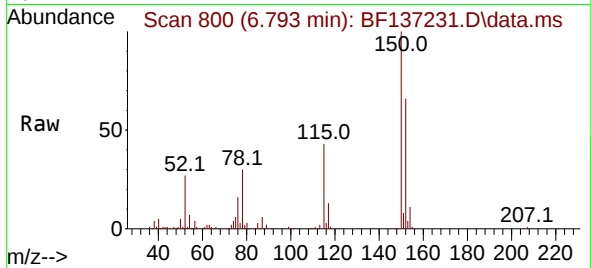




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

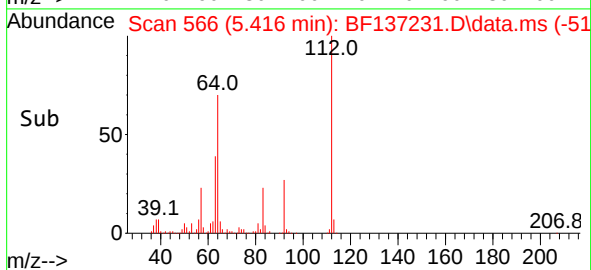
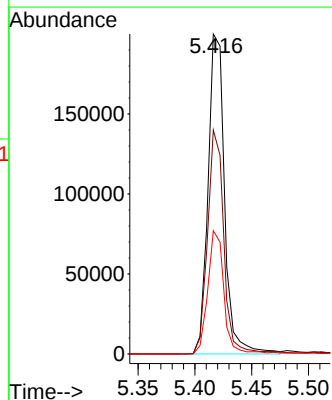
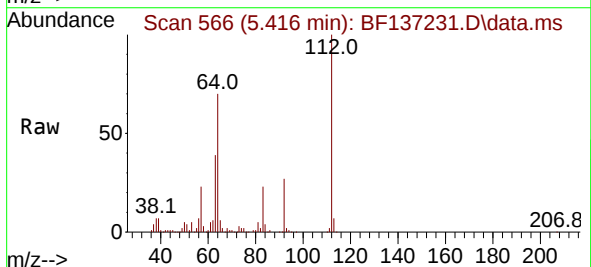
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

Tgt Ion:152 Resp: 55466
Ion Ratio Lower Upper
152 100
150 150.7 129.8 194.8
115 65.0 58.5 87.7



#5
2-Fluorophenol
Concen: 60.340 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Tgt Ion:112 Resp: 202828
Ion Ratio Lower Upper
112 100
64 70.0 57.8 86.6
63 38.5 31.4 47.0



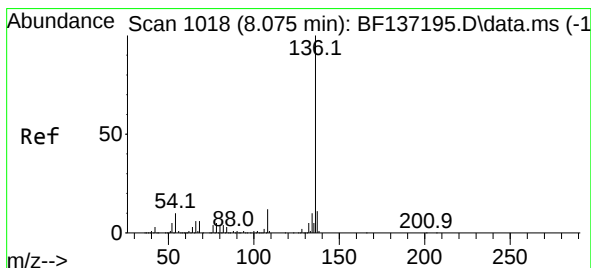
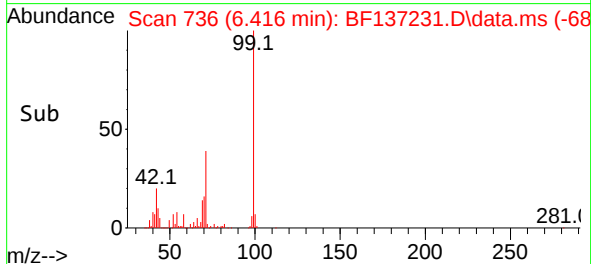
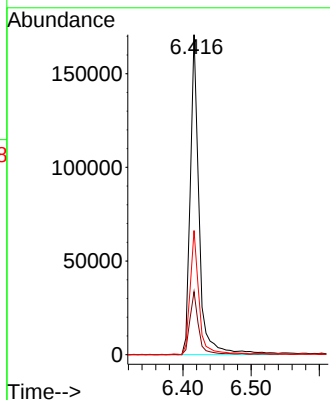
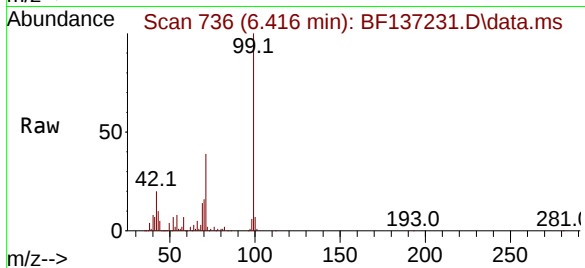


#7
Phenol-d6
Concen: 32.252 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

Tgt Ion: 99 Resp: 154714

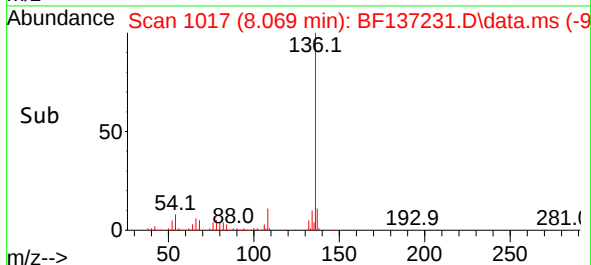
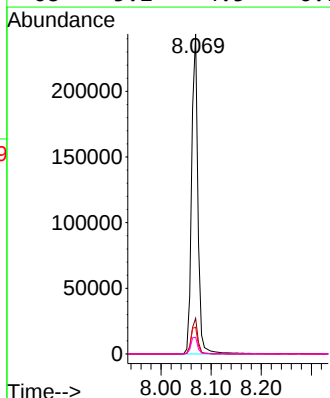
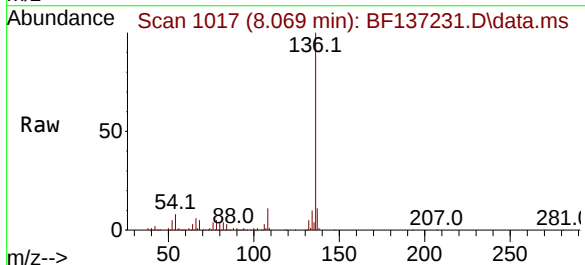
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.4	24.6
71	38.8	32.4	48.6

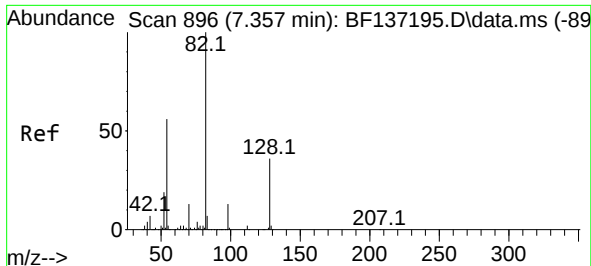


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Tgt Ion: 136 Resp: 212867

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	7.8	11.8
68	5.2	4.5	6.7





#23

Nitrobenzene-d5

Concen: 92.136 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137231.D

Acq: 01 Feb 2024 14:51

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20240126

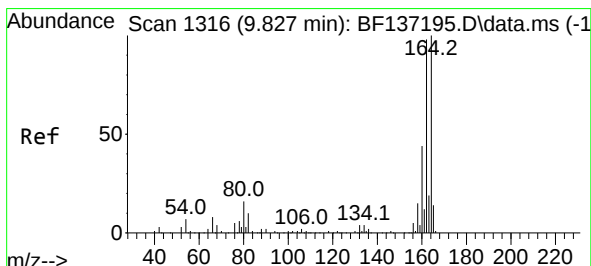
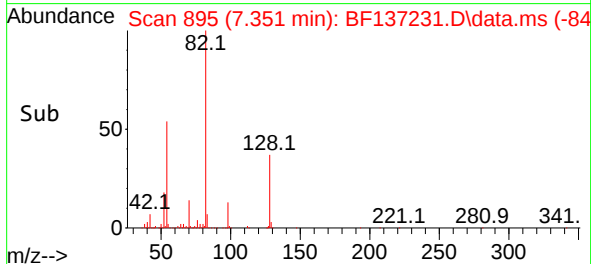
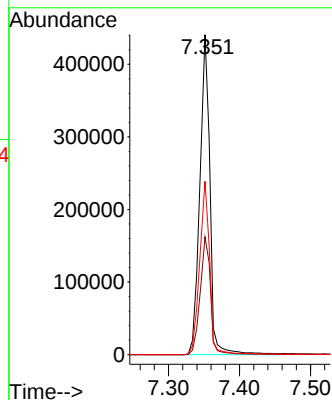
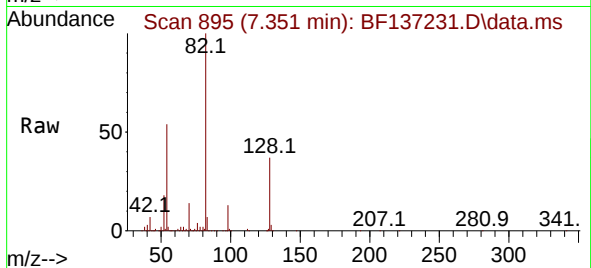
Tgt Ion: 82 Resp: 438063

Ion Ratio Lower Upper

82 100

128 36.8 29.1 43.7

54 54.2 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: BF137231.D

Acq: 01 Feb 2024 14:51

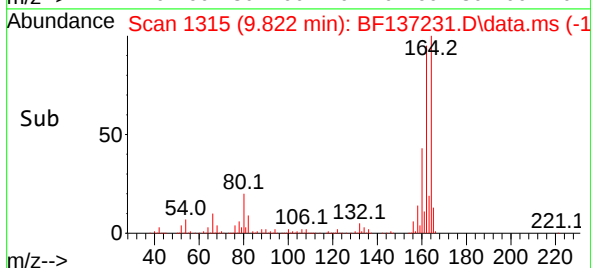
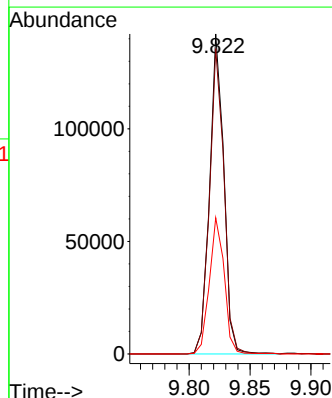
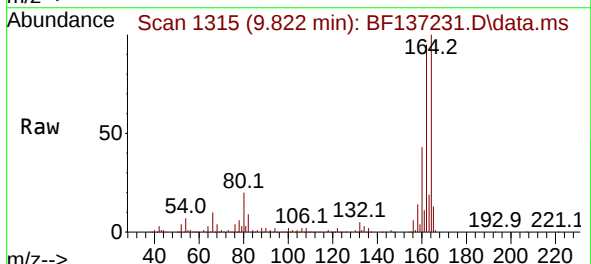
Tgt Ion:164 Resp: 115416

Ion Ratio Lower Upper

164 100

162 95.4 78.3 117.5

160 42.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 138.000 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137231.D

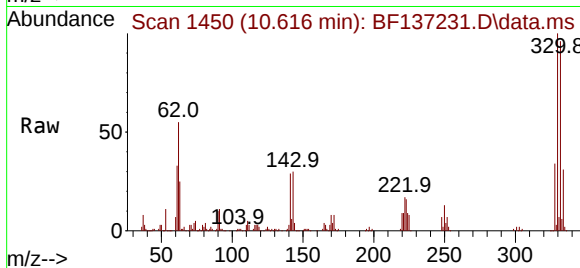
Acq: 01 Feb 2024 14:51

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20240126



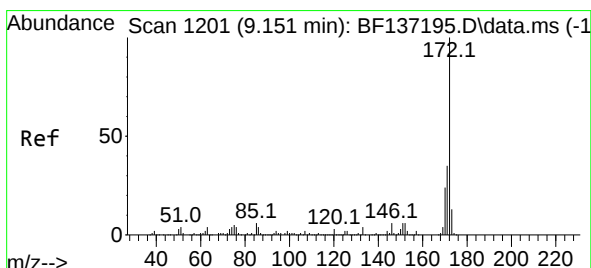
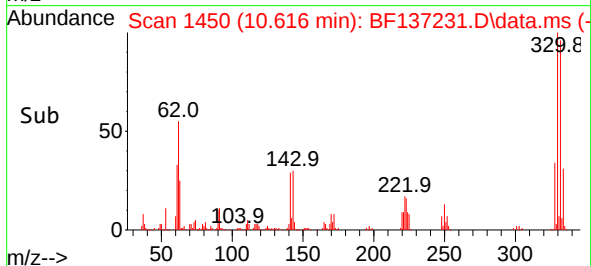
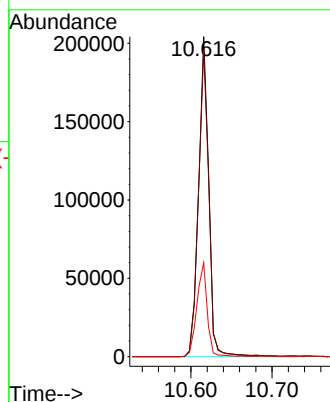
Tgt Ion:330 Resp: 179877

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 29.9 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 92.603 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137231.D

Acq: 01 Feb 2024 14:51

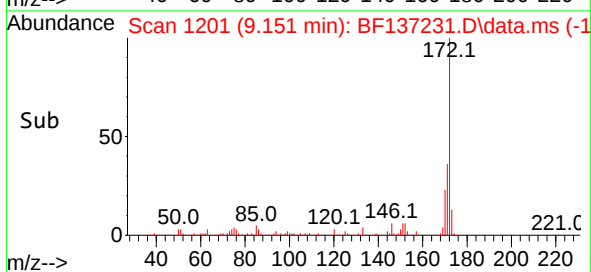
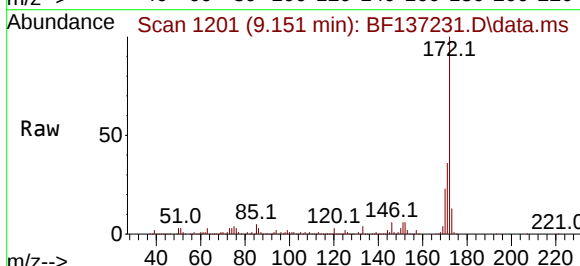
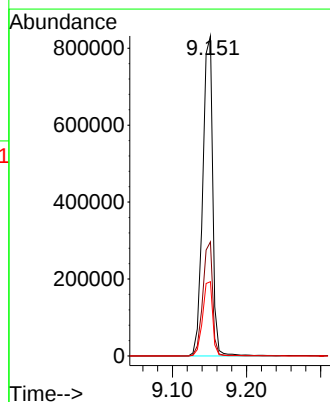
Tgt Ion:172 Resp: 777490

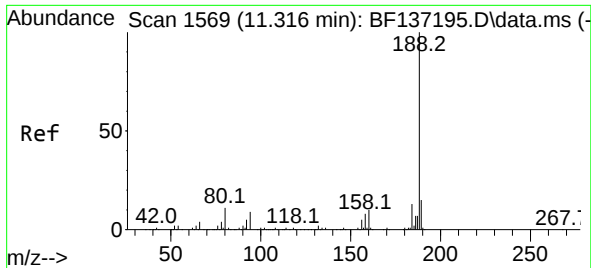
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.2 19.1 28.7

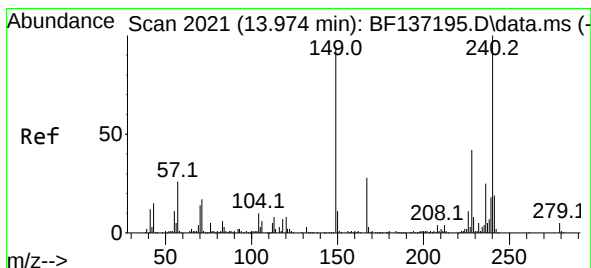
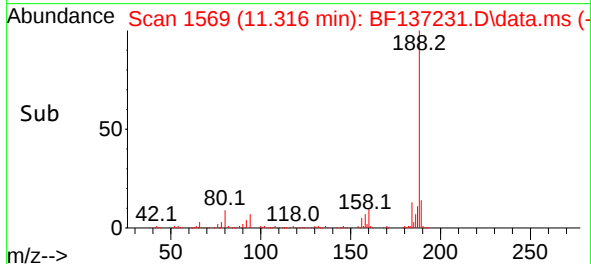
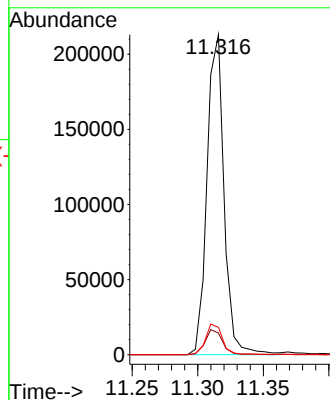
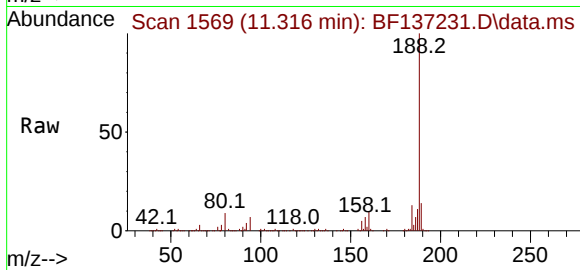




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

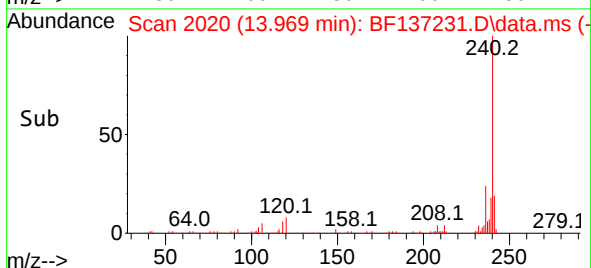
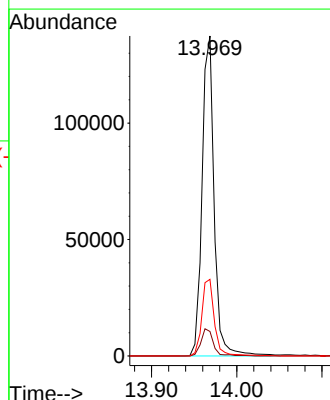
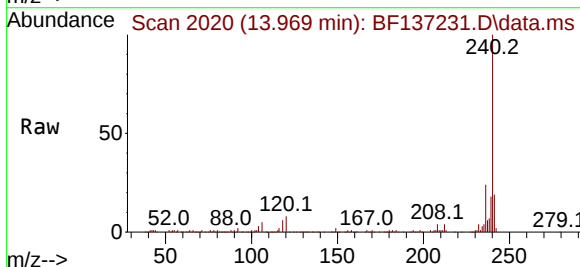
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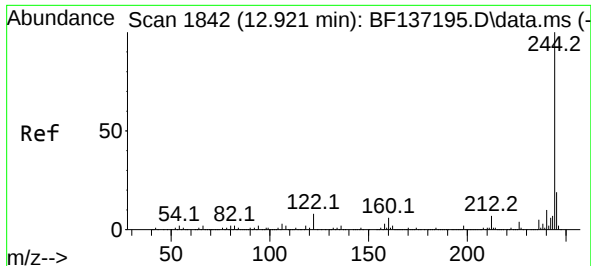
Tgt Ion:188 Resp: 193079
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.4#
80 8.6 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Tgt Ion:240 Resp: 135382
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 24.0 20.3 30.5

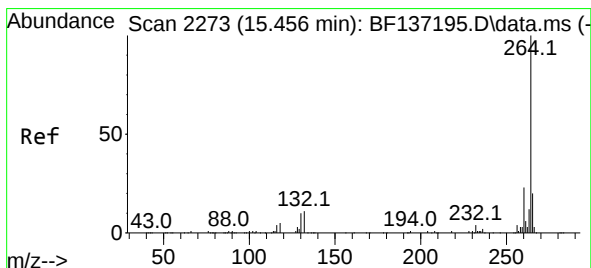
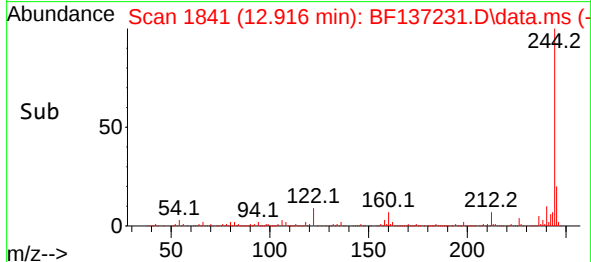
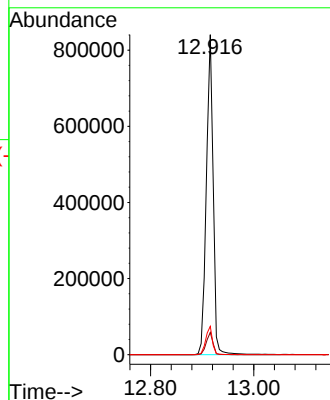
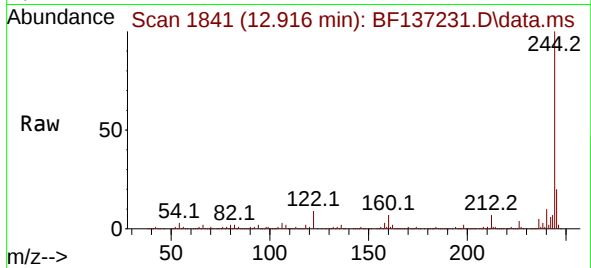




#79
 Terphenyl-d14
 Concen: 77.207 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137231.D
 Acq: 01 Feb 2024 14:51

Instrument :
 BNA_F
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 WC-LIQUID-20240126

Tgt Ion:244 Resp: 768874
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 8.8 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: BF137231.D
 Acq: 01 Feb 2024 14:51

Tgt Ion:264 Resp: 128456
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 21.7 16.2 24.2

