

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134564.D
 Acq On : 01 Aug 2023 23:37
 Operator : CG\JU
 Sample : 03770-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOWE-2-LP

Quant Time: Aug 02 02:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

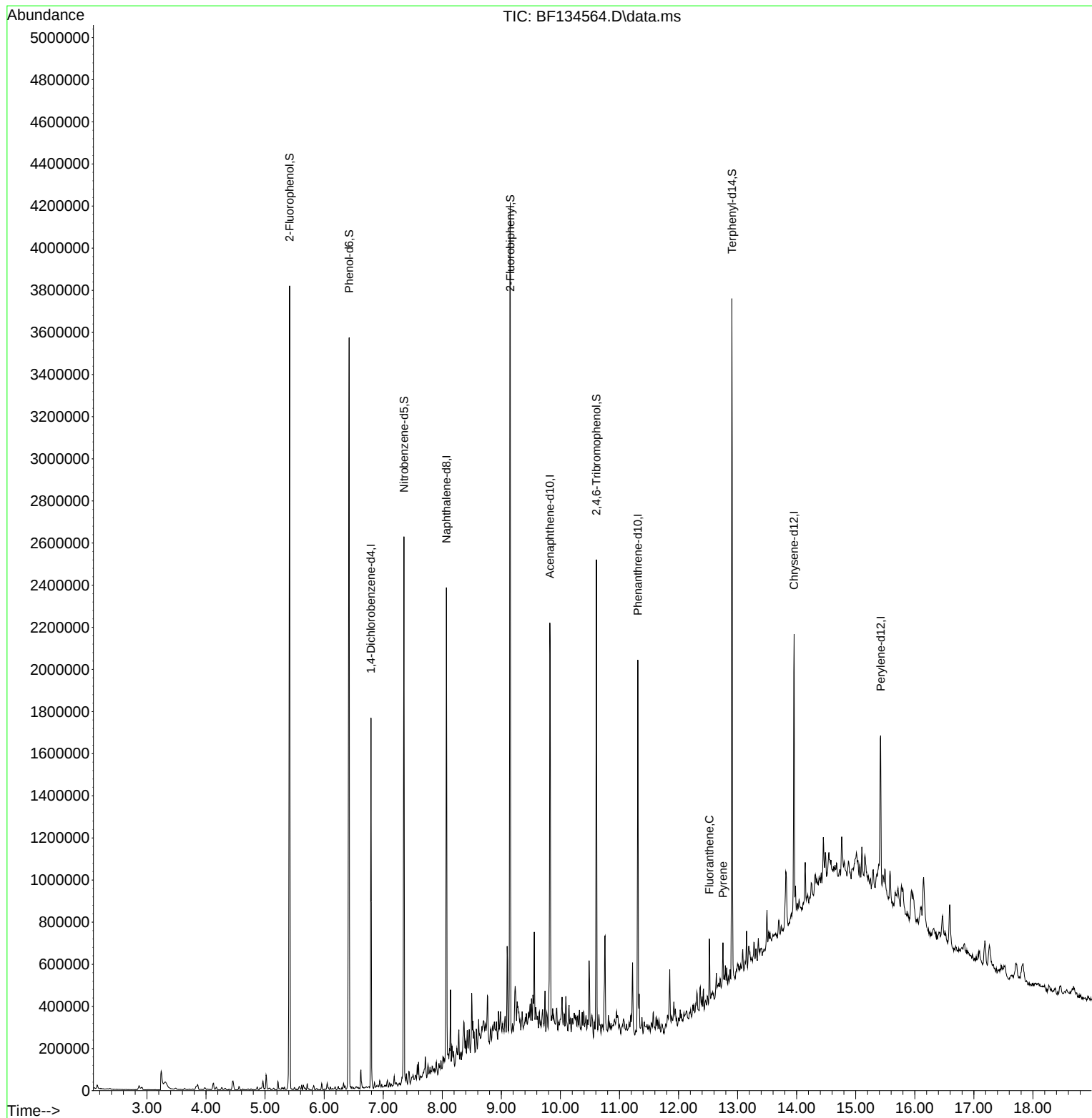
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	221179	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	842104	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	380623	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	592394	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	426892	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	337949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1001114	68.804	ng	0.00
7) Phenol-d6	6.422	99	1266523	68.094	ng	0.00
23) Nitrobenzene-d5	7.351	82	717569	53.251	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	240119	61.885	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1240556	54.192	ng	0.00
79) Terphenyl-d14	12.904	244	1125957	46.497	ng	0.00
Target Compounds						
75) Fluoranthene	12.522	202	92392	2.780	ng	95
78) Pyrene	12.751	202	86762	2.349	ng	94

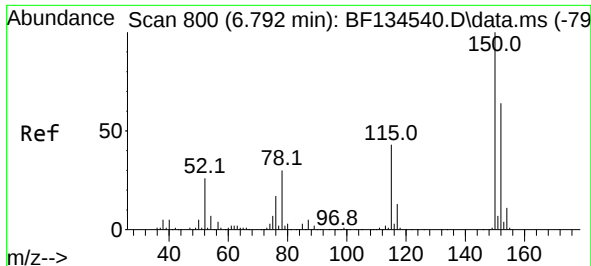
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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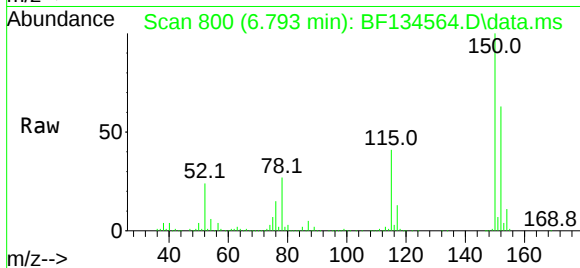
Quant Time: Aug 02 02:47:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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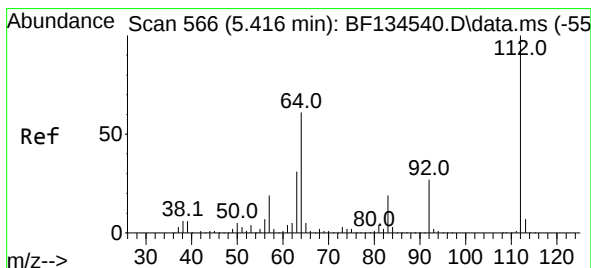
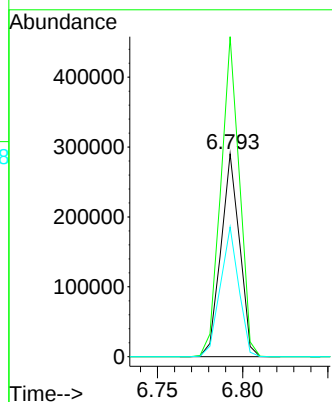
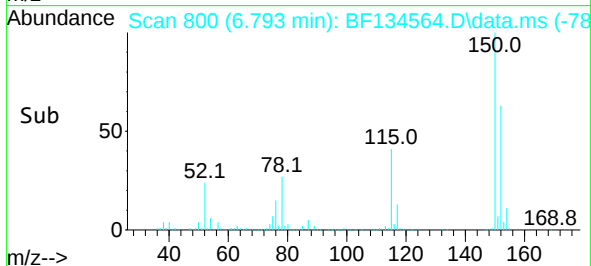


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134564.D
Acq: 01 Aug 2023 23:37

Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP

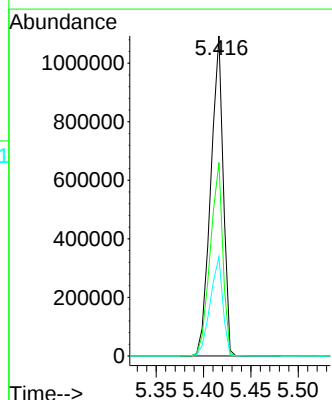
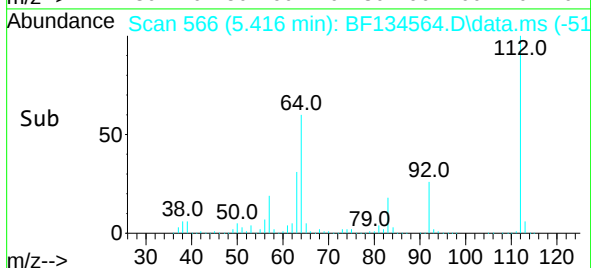
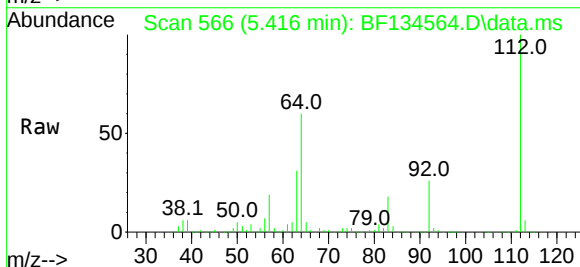


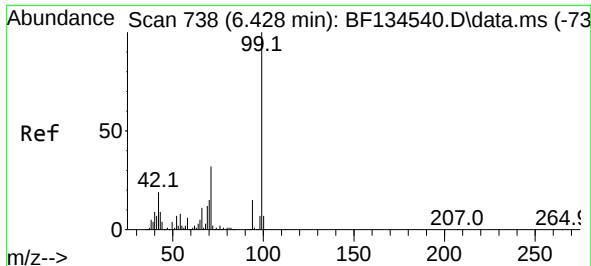
Tgt Ion:152 Resp: 221179
Ion Ratio Lower Upper
152 100
150 157.7 128.3 192.5
115 64.0 52.4 78.6



#5
2-Fluorophenol
Concen: 68.804 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134564.D
Acq: 01 Aug 2023 23:37

Tgt Ion:112 Resp: 1001114
Ion Ratio Lower Upper
112 100
64 60.5 44.9 67.3
63 31.0 25.4 38.0

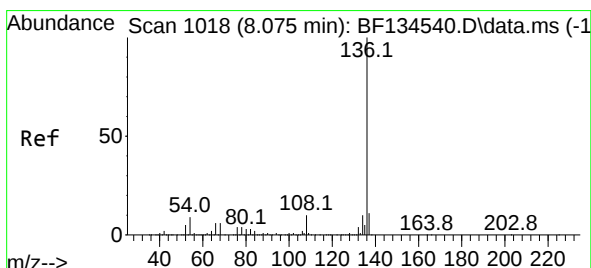
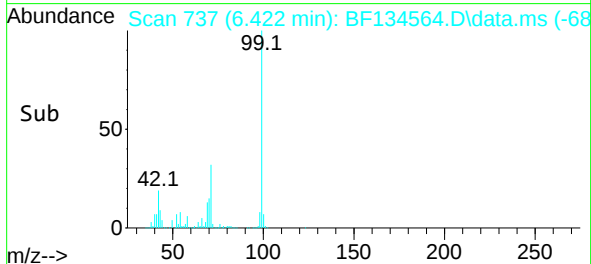
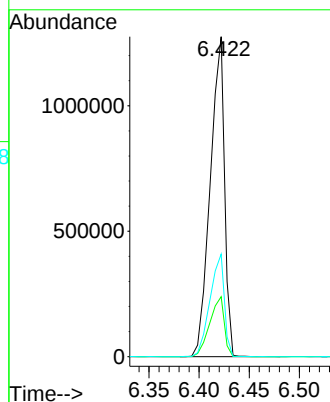
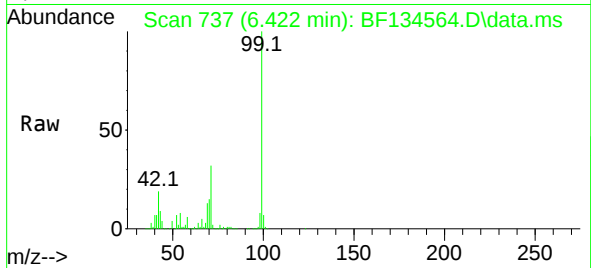




#7
Phenol-d6
Concen: 68.094 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134564.D
Acq: 01 Aug 2023 23:37

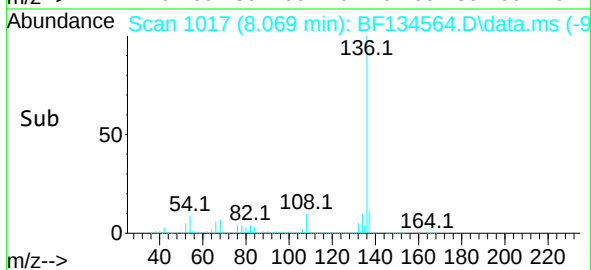
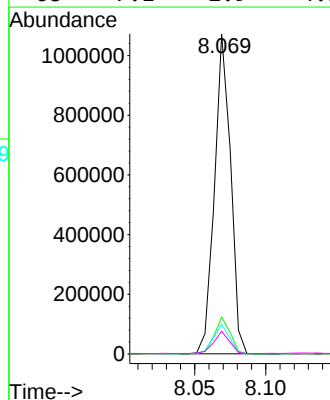
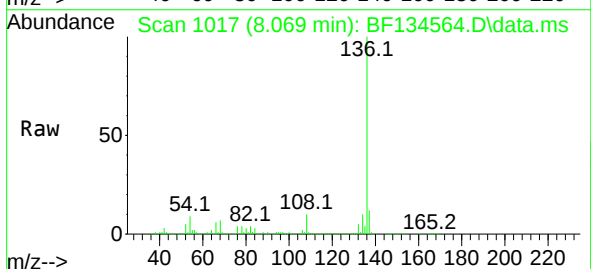
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP

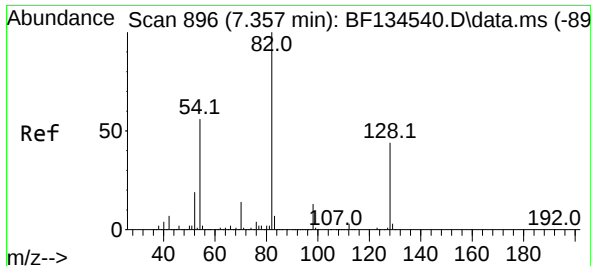
Tgt Ion: 99 Resp: 1266523
Ion Ratio Lower Upper
99 100
42 18.8 18.7 28.1
71 32.1 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134564.D
Acq: 01 Aug 2023 23:37

Tgt Ion: 136 Resp: 842104
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 9.3 5.2 7.8#
68 7.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 53.251 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134564.D

Acq: 01 Aug 2023 23:37

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP

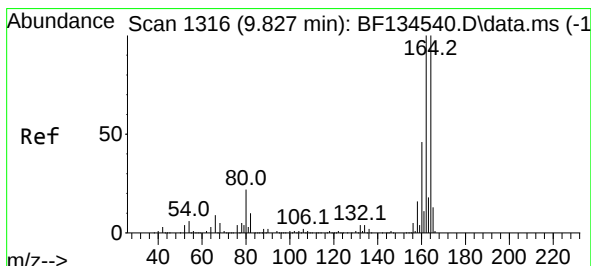
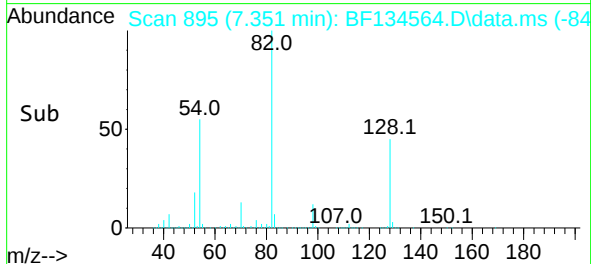
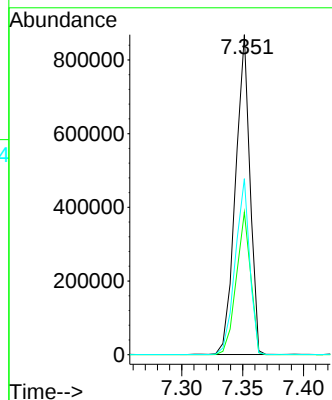
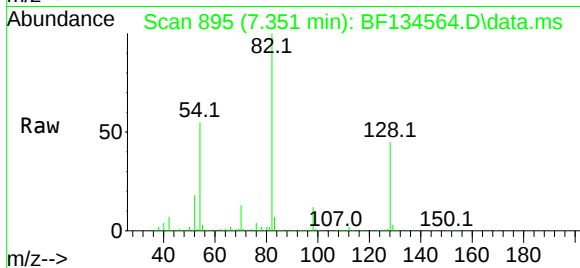
Tgt Ion: 82 Resp: 717569

Ion Ratio Lower Upper

82 100

128 44.5 34.3 51.5

54 55.0 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF134564.D

Acq: 01 Aug 2023 23:37

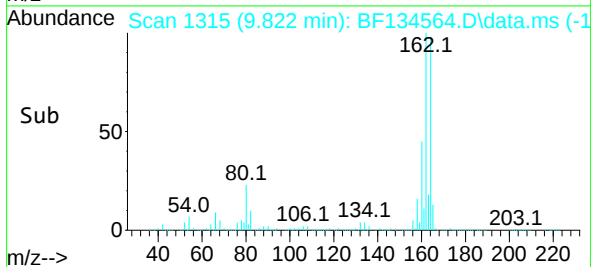
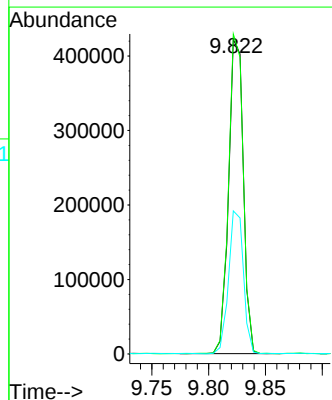
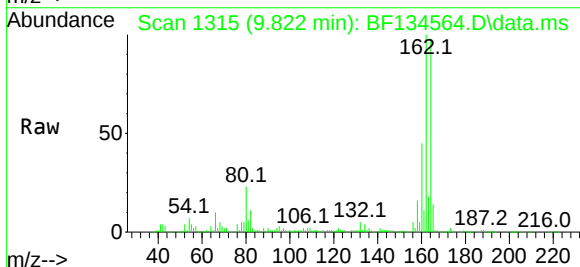
Tgt Ion:164 Resp: 380623

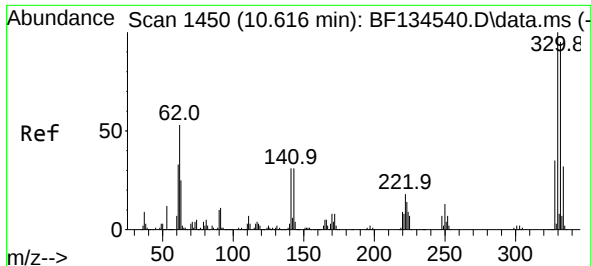
Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

160 45.5 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 61.885 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF134564.D

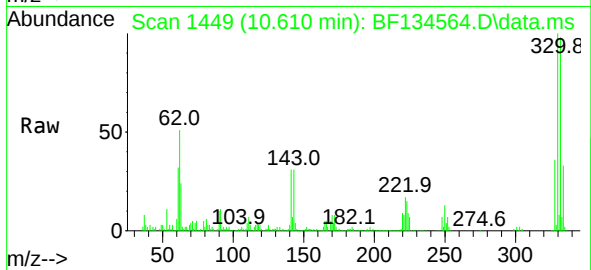
Acq: 01 Aug 2023 23:37

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP



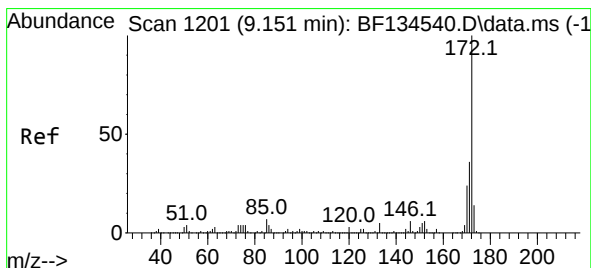
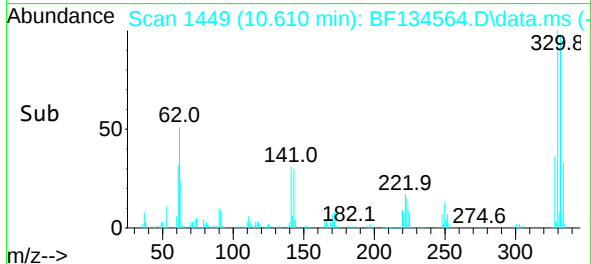
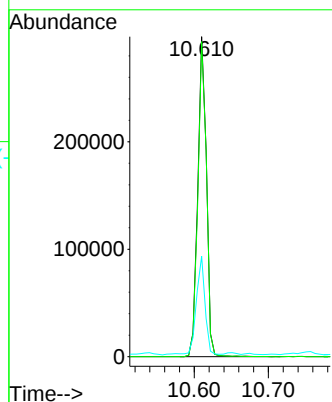
Tgt Ion:330 Resp: 240119

Ion Ratio Lower Upper

330 100

332 97.9 78.8 118.2

141 31.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 54.192 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134564.D

Acq: 01 Aug 2023 23:37

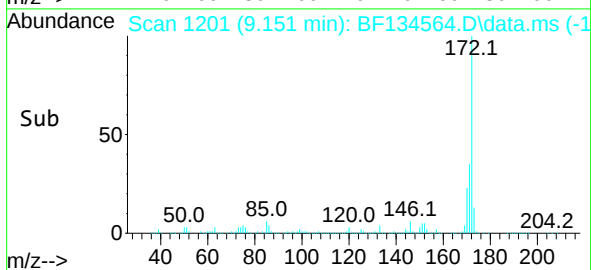
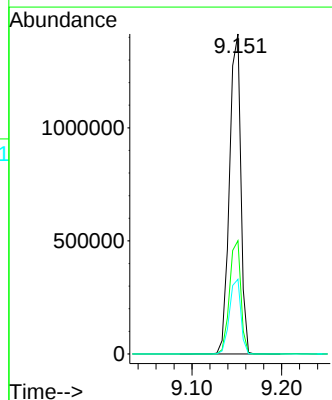
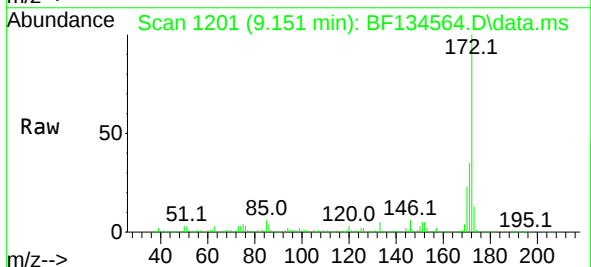
Tgt Ion:172 Resp: 1240556

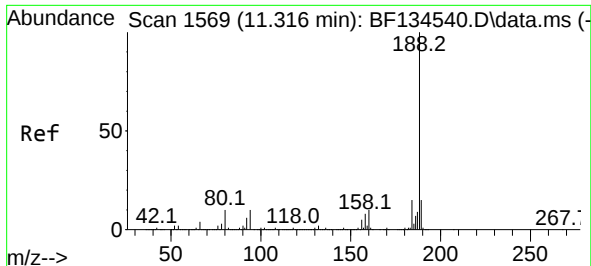
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.3 18.7 28.1

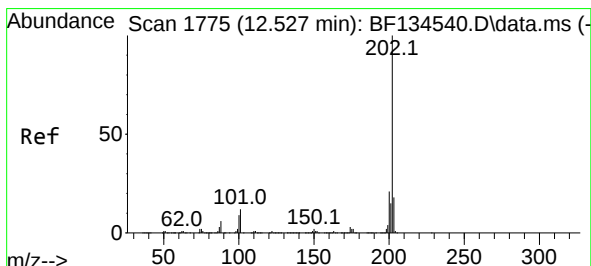
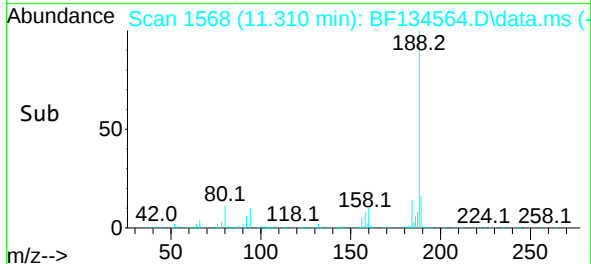
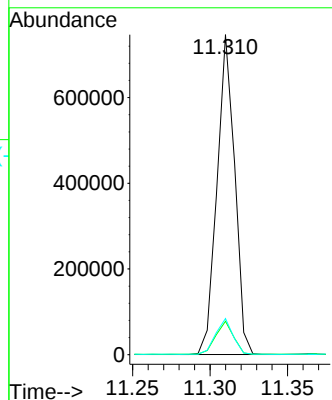
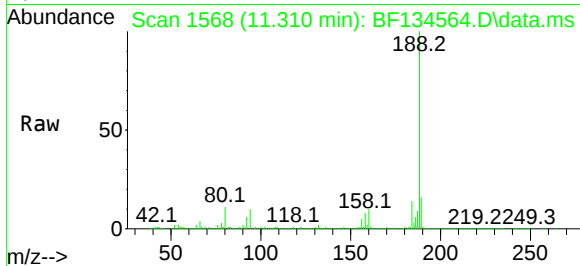




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134564.D
Acq: 01 Aug 2023 23:37

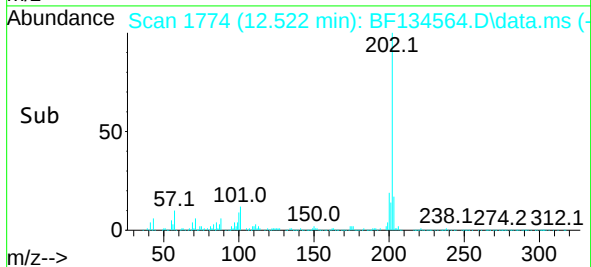
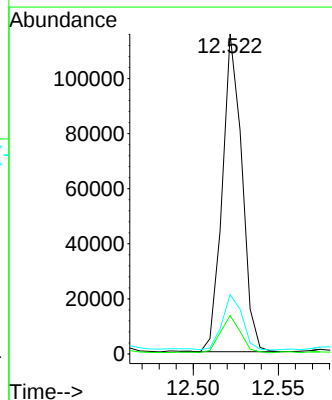
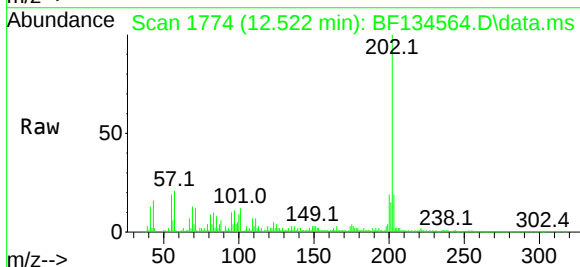
Instrument :
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HOWE-2-LP

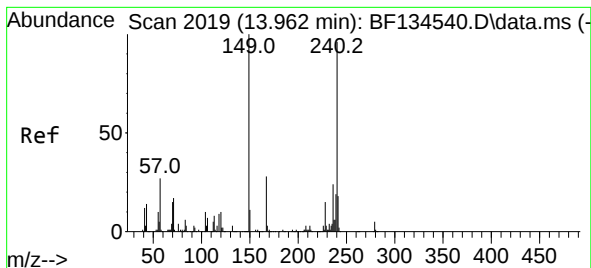
Tgt Ion:188 Resp: 592394
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7#
80 11.3 6.6 9.8#



#75
Fluoranthene
Concen: 2.780 ng
RT: 12.522 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF134564.D
Acq: 01 Aug 2023 23:37

Tgt Ion:202 Resp: 92392
Ion Ratio Lower Upper
202 100
101 12.0 0.0 28.5
203 18.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134564.D

Acq: 01 Aug 2023 23:37

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP

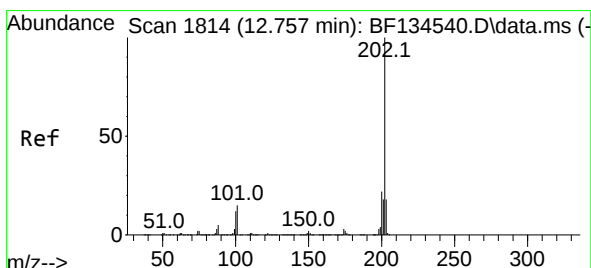
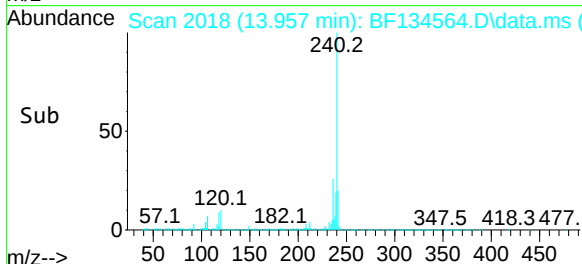
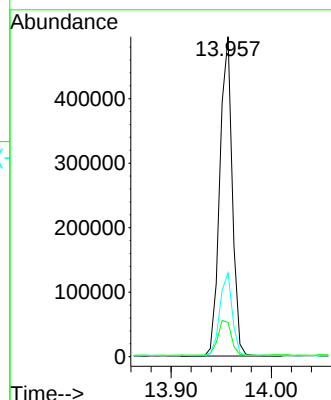
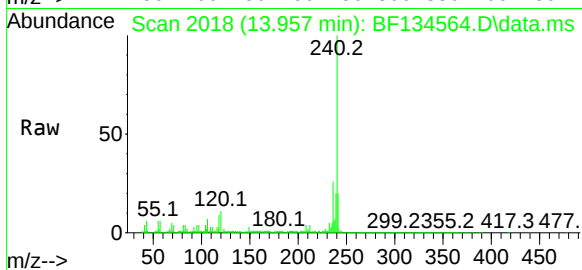
Tgt Ion:240 Resp: 426892

Ion Ratio Lower Upper

240 100

120 10.7 6.6 10.0#

236 26.2 20.2 30.2



#78

Pyrene

Concen: 2.349 ng

RT: 12.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF134564.D

Acq: 01 Aug 2023 23:37

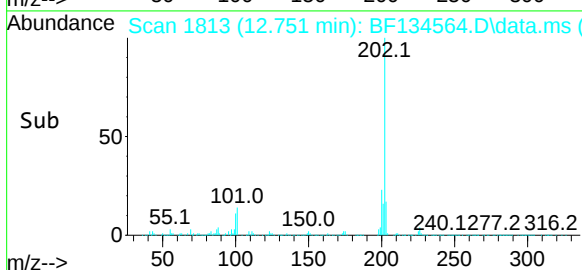
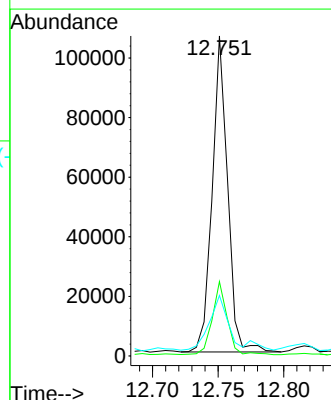
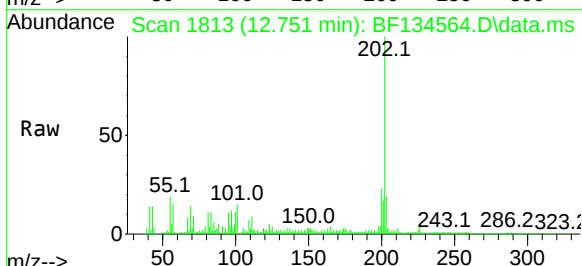
Tgt Ion:202 Resp: 86762

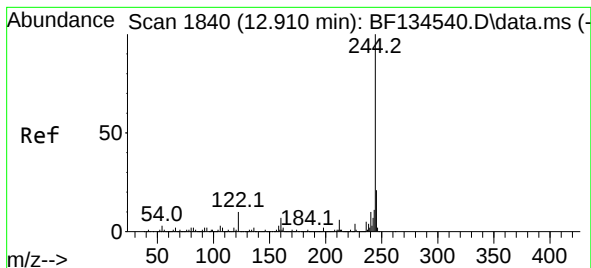
Ion Ratio Lower Upper

202 100

200 23.3 15.8 23.8

203 18.9 13.5 20.3





#79

Terphenyl-d14

Concen: 46.497 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF134564.D

Acq: 01 Aug 2023 23:37

Instrument :

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ClientSampleId :

HOWE-2-LP

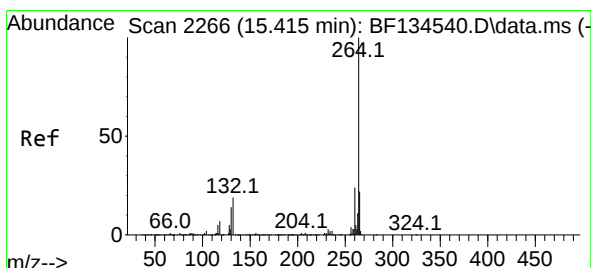
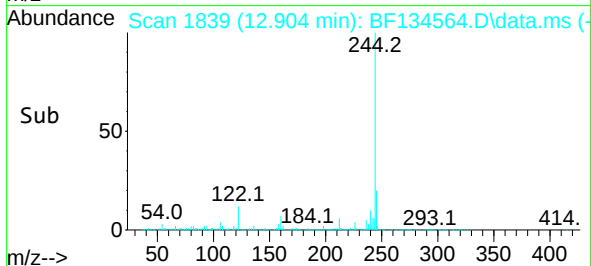
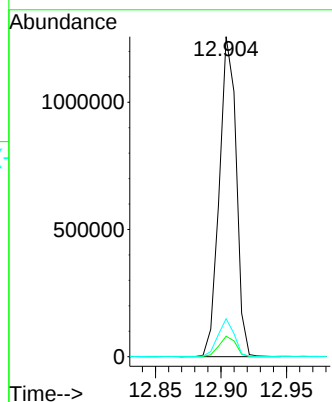
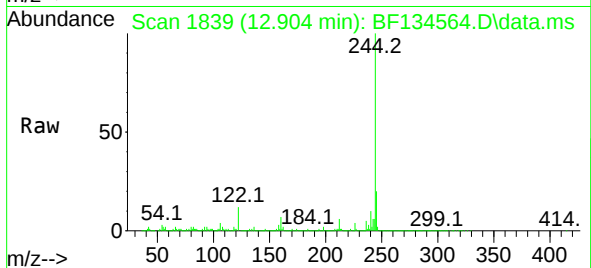
Tgt Ion:244 Resp: 1125957

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 11.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF134564.D

Acq: 01 Aug 2023 23:37

Tgt Ion:264 Resp: 337949

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 23.1 15.8 23.8

