

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134563.D
 Acq On : 01 Aug 2023 23:06
 Operator : CG\JU
 Sample : 03770-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOWE-1-LP

Quant Time: Aug 02 02:46:59 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	6.792	152	212834	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	834331	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	401606	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	622775	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	451574	20.000	ng	#-0.01
86) Perylene-d12	15.415	264	381657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	983590	70.250	ng	0.00
7) Phenol-d6	6.416	99	1291077	72.135	ng	-0.01
23) Nitrobenzene-d5	7.351	82	713020	53.406	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	274354	67.014	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1225250	50.727	ng	0.00
79) Terphenyl-d14	12.904	244	1096747	42.815	ng	0.00

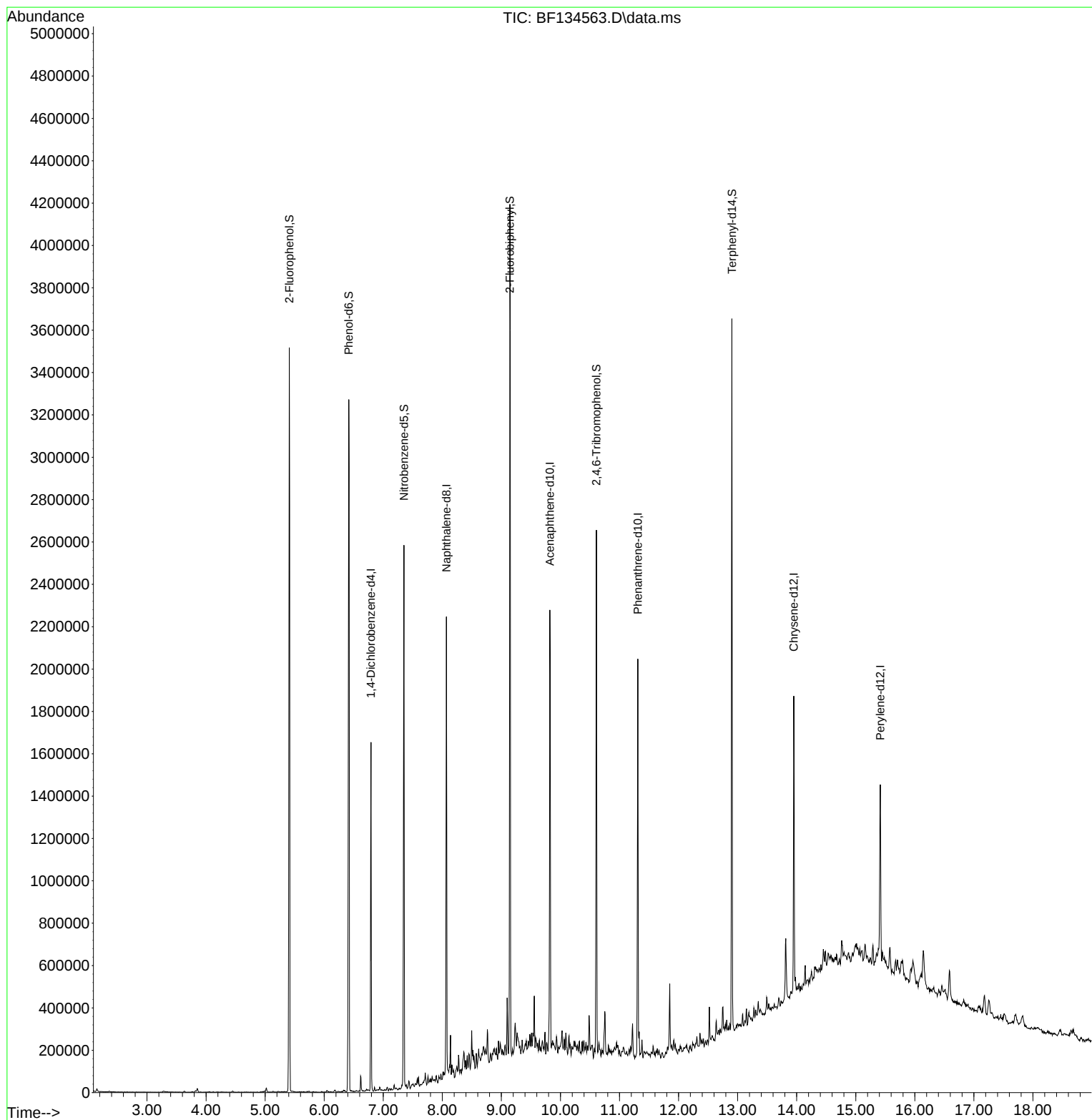
Target Compounds	Qvalue

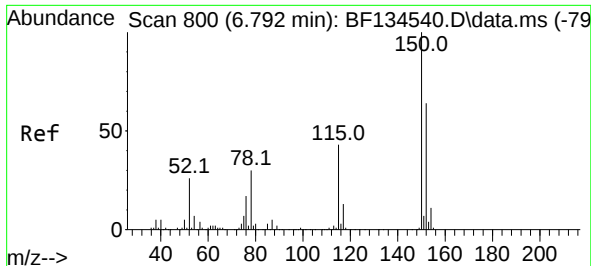
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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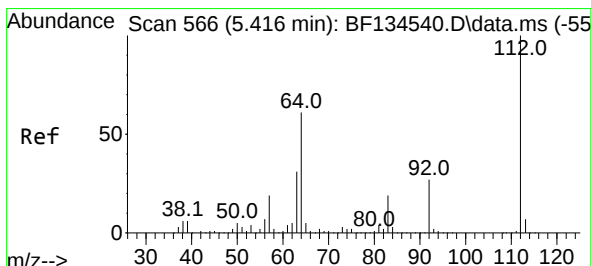
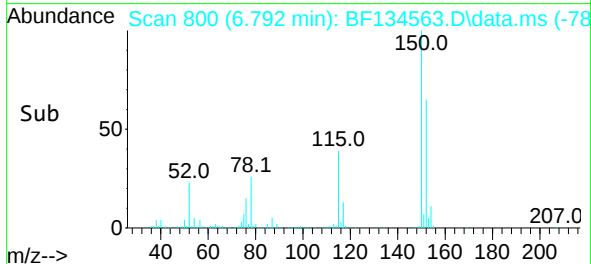
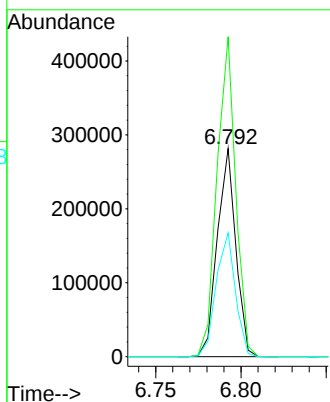
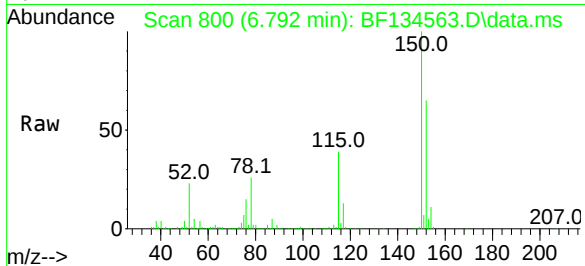




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134563.D
 Acq: 01 Aug 2023 23:06

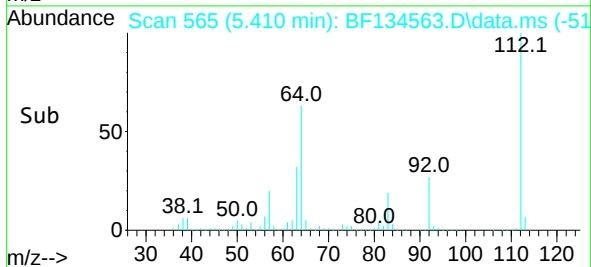
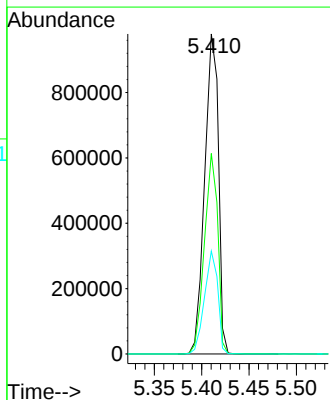
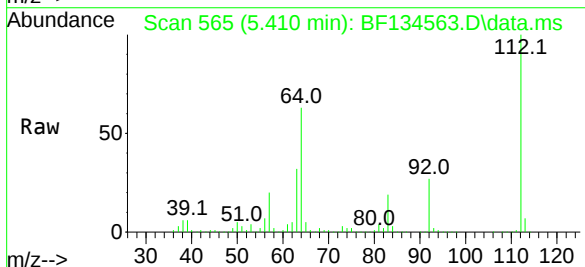
Instrument :
 BNA_F
 ClientSampleId :
 HOWE-1-LP

Tgt Ion:152 Resp: 212834
 Ion Ratio Lower Upper
 152 100
 150 153.7 128.3 192.5
 115 59.5 52.4 78.6



#5
 2-Fluorophenol
 Concen: 70.250 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: BF134563.D
 Acq: 01 Aug 2023 23:06

Tgt Ion:112 Resp: 983590
 Ion Ratio Lower Upper
 112 100
 64 62.6 44.9 67.3
 63 32.1 25.4 38.0

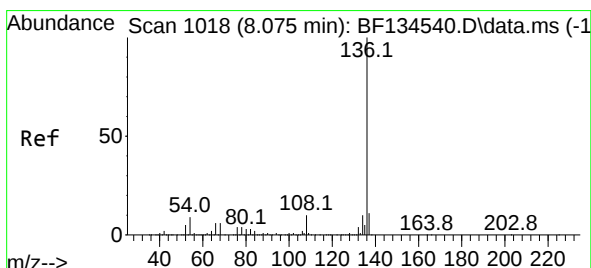
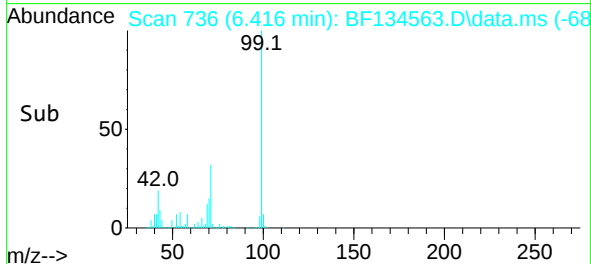
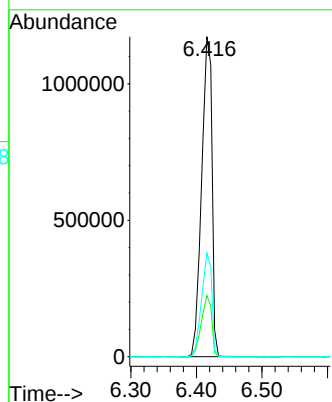
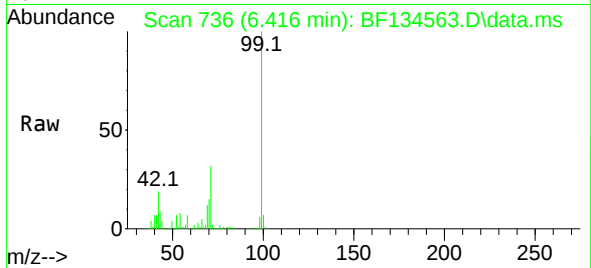




#7
Phenol-d6
Concen: 72.135 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

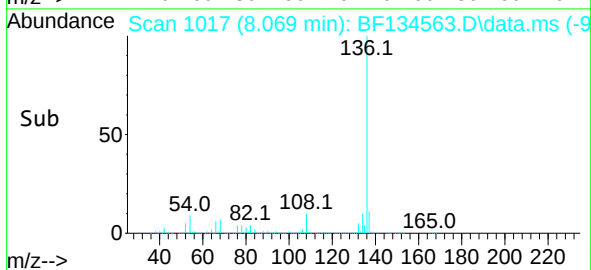
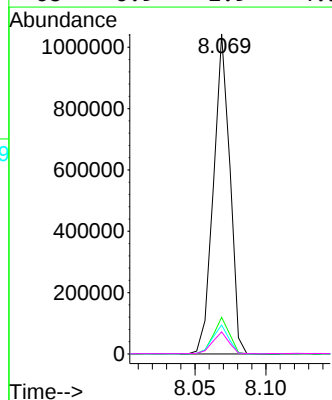
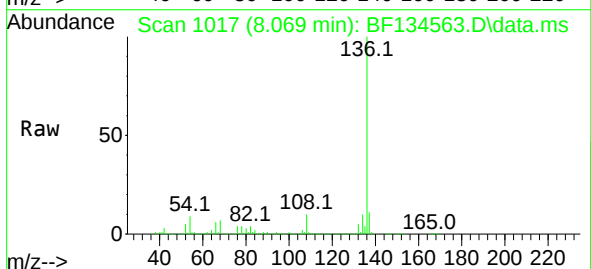
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

Tgt Ion: 99 Resp: 1291077
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 32.4 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: BF134563.D
Acq: 01 Aug 2023 23:06

Tgt Ion: 136 Resp: 834331
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.0 5.2 7.8#
68 6.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 53.406 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134563.D

Acq: 01 Aug 2023 23:06

Instrument :

BNA_F

ClientSampleId :

HOWE-1-LP

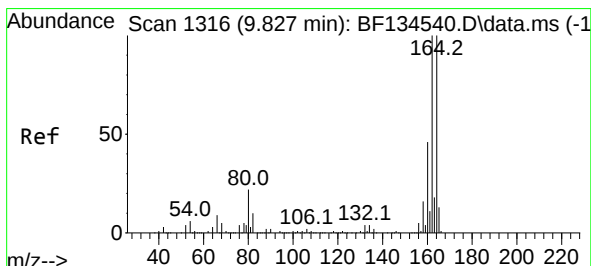
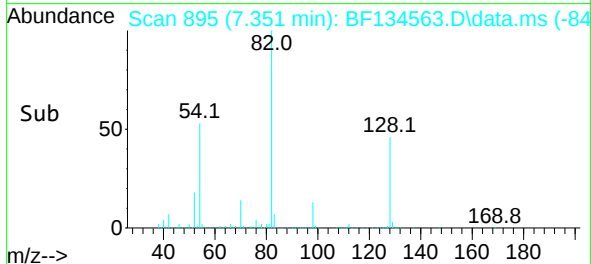
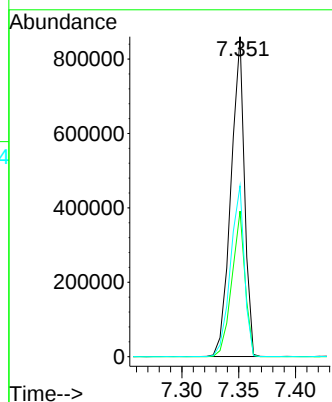
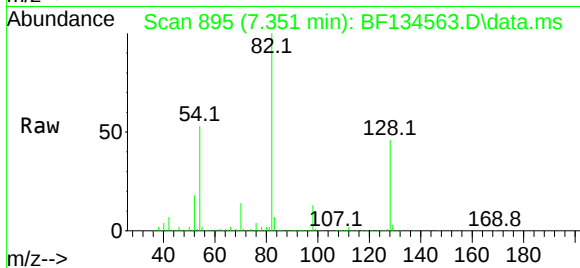
Tgt Ion: 82 Resp: 713020

Ion Ratio Lower Upper

82 100

128 45.5 34.3 51.5

54 53.4 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: BF134563.D

Acq: 01 Aug 2023 23:06

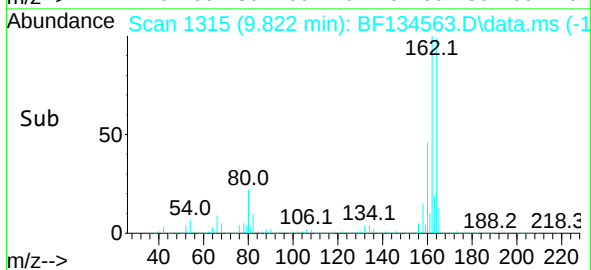
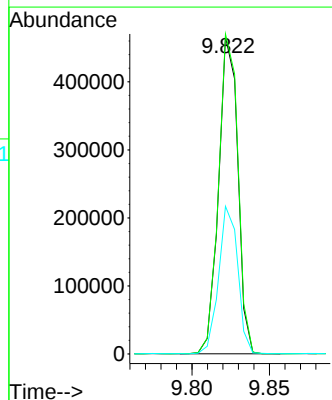
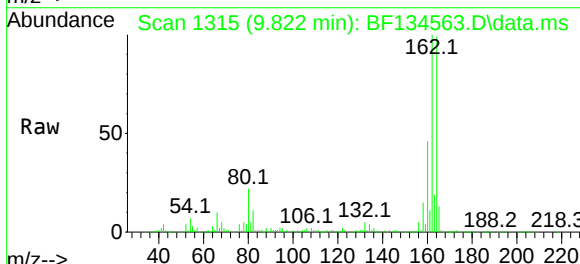
Tgt Ion: 164 Resp: 401606

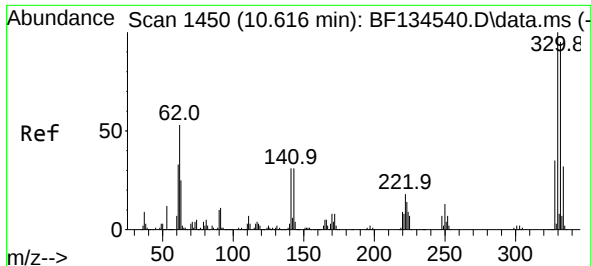
Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

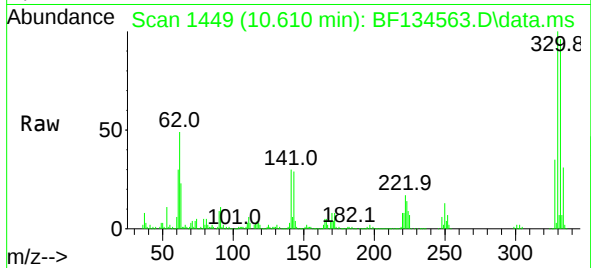
160 46.6 37.2 55.8



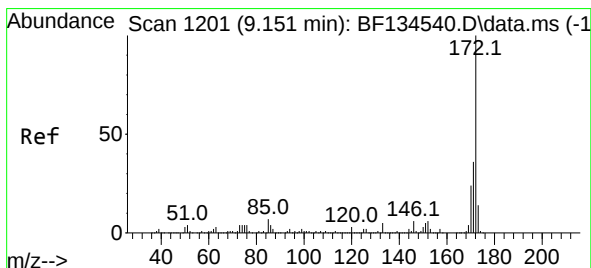
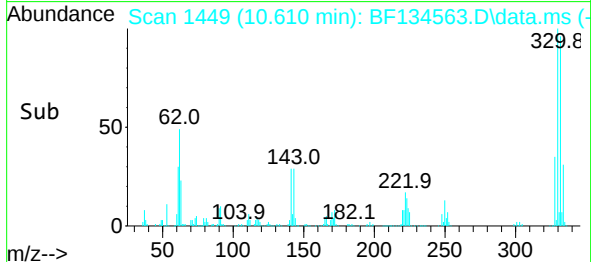
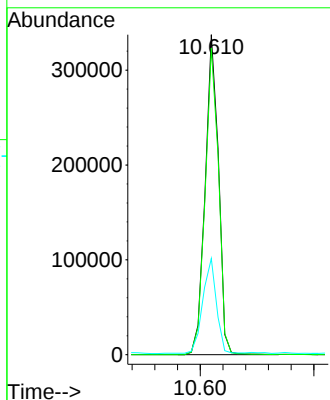


#42
2,4,6-Tribromophenol
Concen: 67.014 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

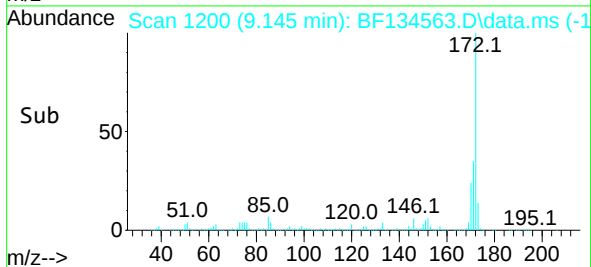
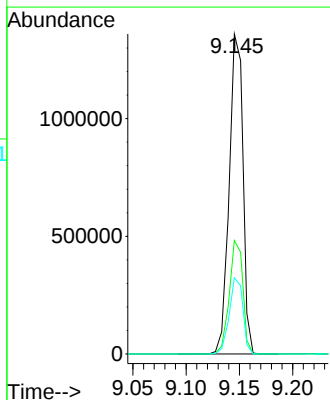
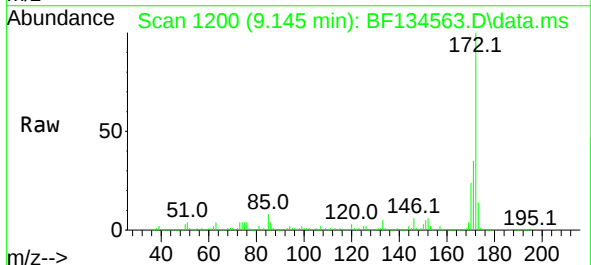


Tgt Ion:330 Resp: 274354
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 30.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 50.727 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

Tgt Ion:172 Resp: 1225250
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134563.D

Acq: 01 Aug 2023 23:06

Instrument :

BNA_F

ClientSampleId :

HOWE-1-LP

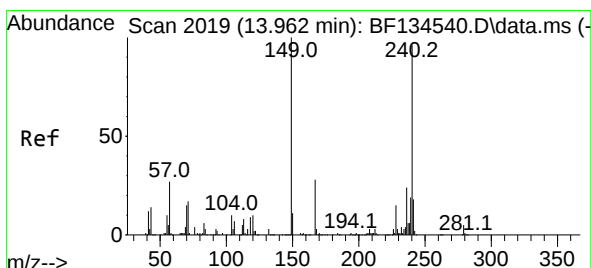
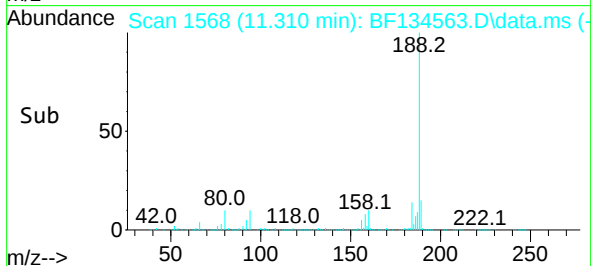
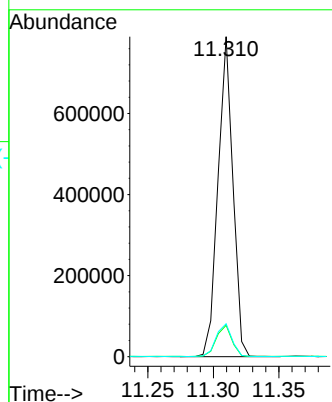
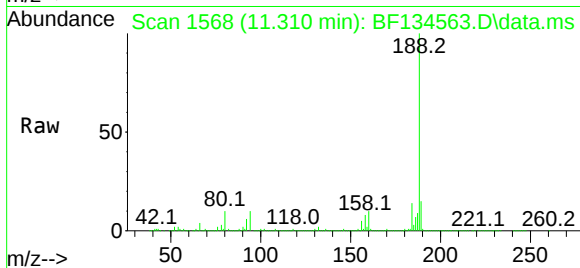
Tgt Ion:188 Resp: 622775

Ion Ratio Lower Upper

188 100

94 9.8 5.1 7.7#

80 10.3 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF134563.D

Acq: 01 Aug 2023 23:06

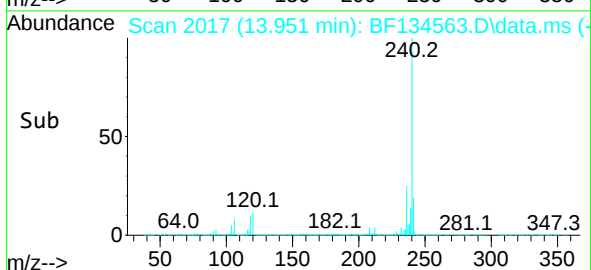
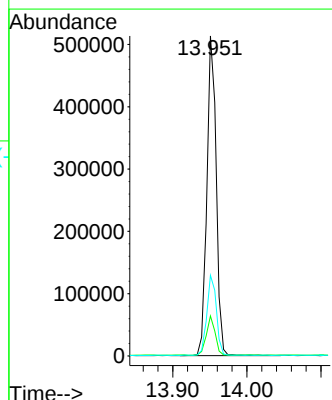
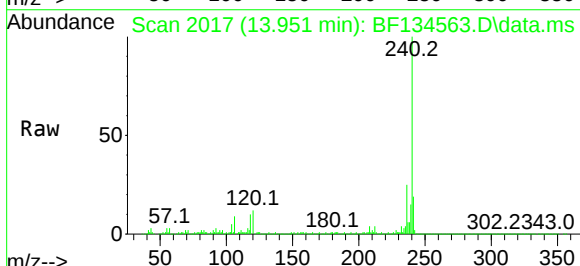
Tgt Ion:240 Resp: 451574

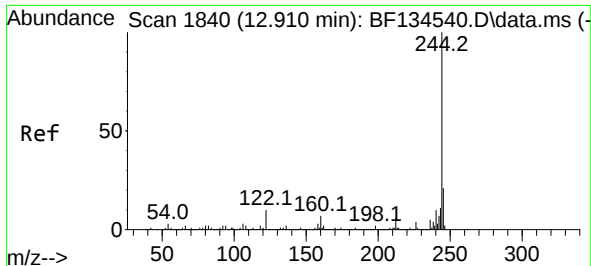
Ion Ratio Lower Upper

240 100

120 12.5 6.6 10.0#

236 25.2 20.2 30.2

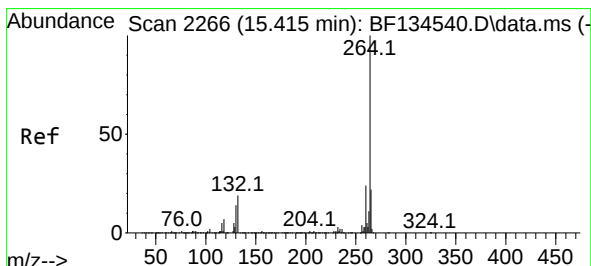
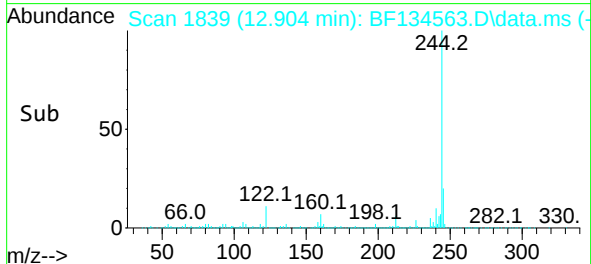
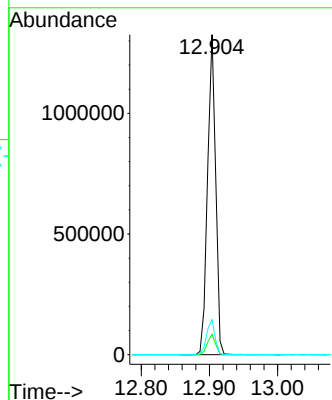
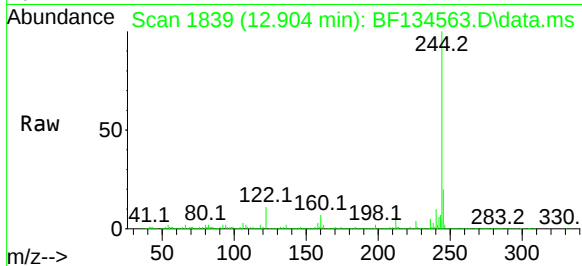




#79
 Terphenyl-d14
 Concen: 42.815 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF134563.D
 Acq: 01 Aug 2023 23:06

Instrument :
 BNA_F
 ClientSampleId :
 HOWE-1-LP

Tgt Ion:244 Resp: 1096747
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF134563.D
 Acq: 01 Aug 2023 23:06

Tgt Ion:264 Resp: 381657
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.6 15.8 23.8

