

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)

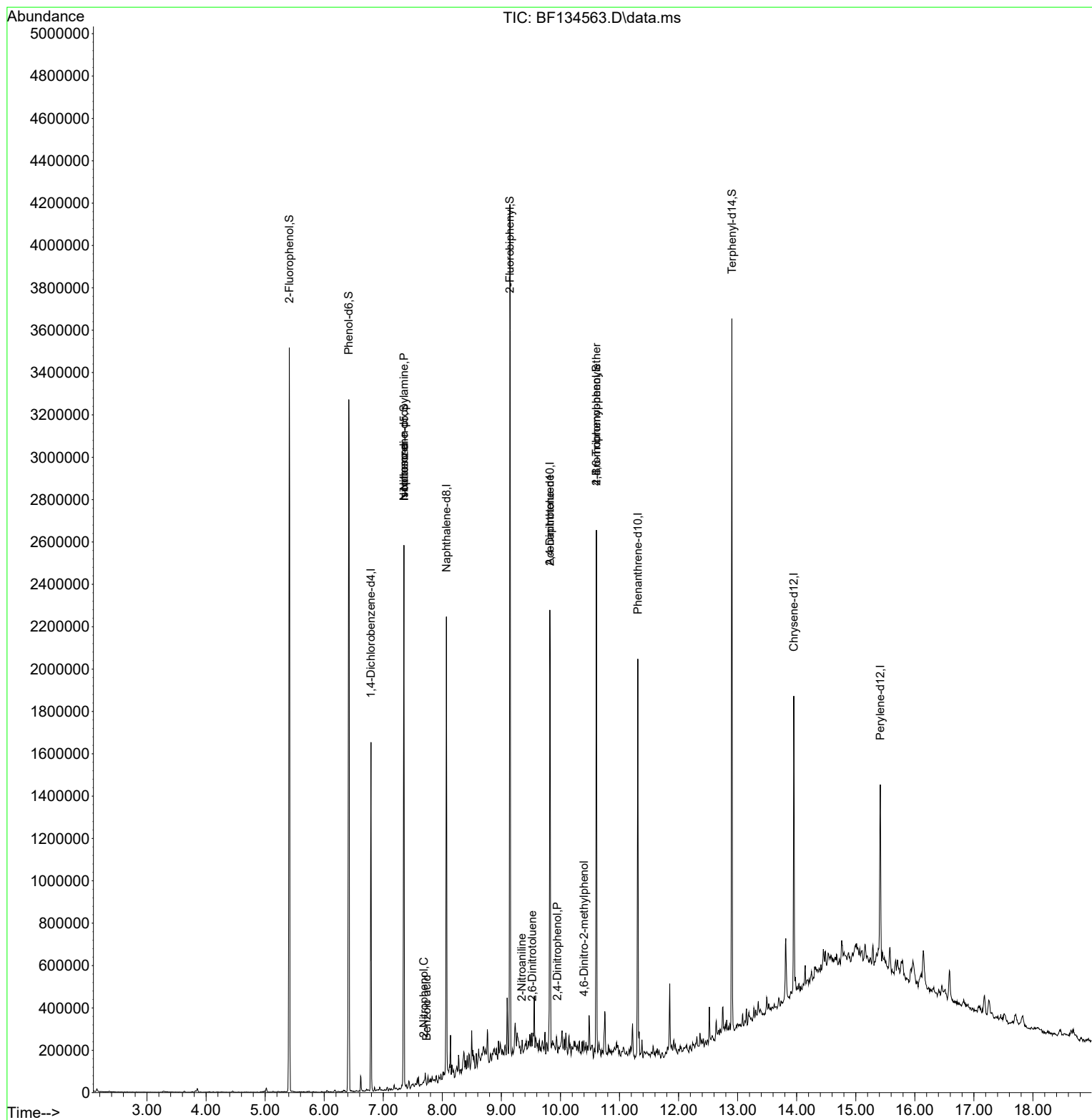
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	212834	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	834331	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	401606	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	622775	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	451574	20.000	ng	#-0.01
86) 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
9) Benzaldehyde	6.339	77	288	Below Cal	#	40
19) n-Nitroso-di-n-propyla...	7.351	70	99712	9.305	ng	# 75
25) Isophorone	7.351	82	712300	24.461	ng	# 65
26) 2-Nitrophenol	7.686	139	293	4.835	ng	# 1
32) Benzoic acid	7.734	122	593	7.926	ng	# 85
48) 2-Nitroaniline	9.345	65	317	3.207	ng	# 54
51) 2,6-Dinitrotoluene	9.522	165	1880	2.813	ng	# 57
54) 2,4-Dinitrophenol	9.945	184	109	6.846	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	53751	10.315	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.398	198	315	8.801	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	17427	2.556	ng	# 1

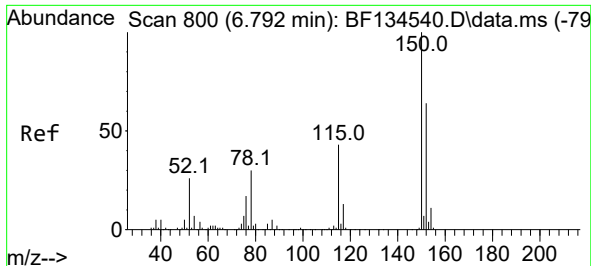
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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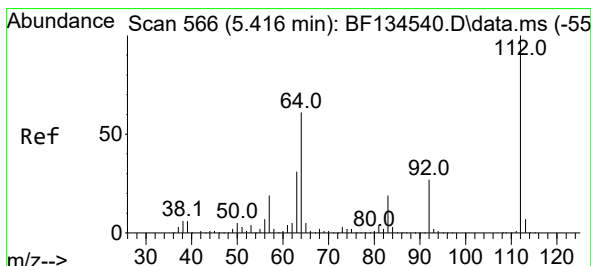
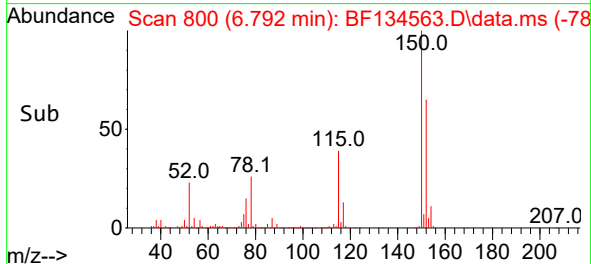
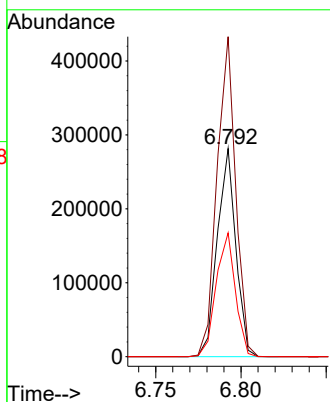
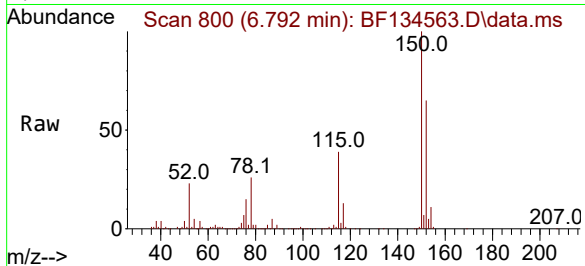




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

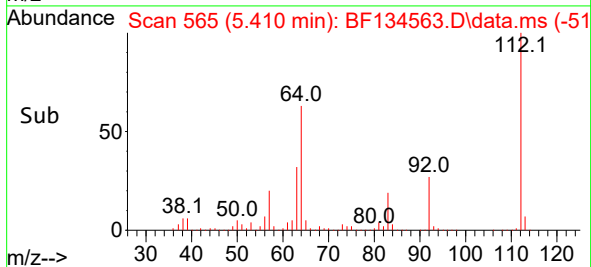
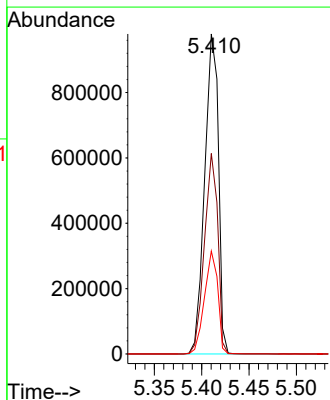
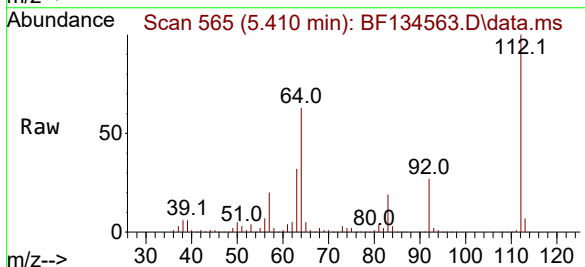
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

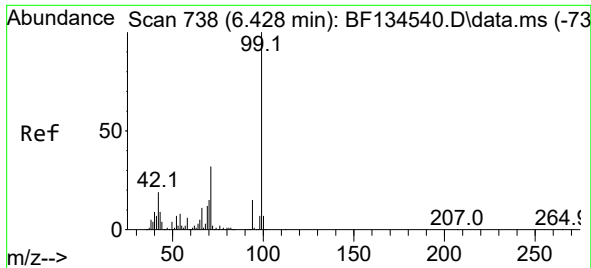
Tgt Ion:152 Resp: 212834
Ion Ratio Lower Upper
152 100
150 153.7 128.3 192.5
115 59.5 52.4 78.6



#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

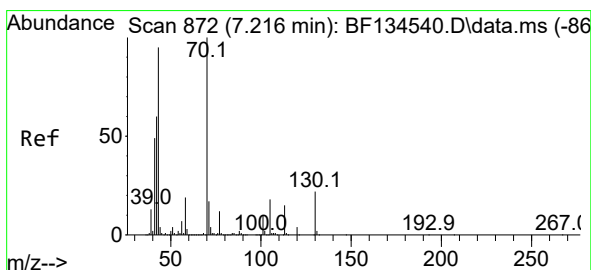
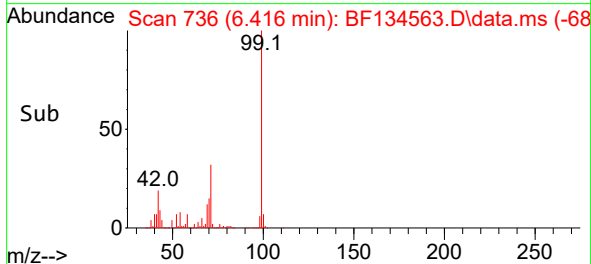
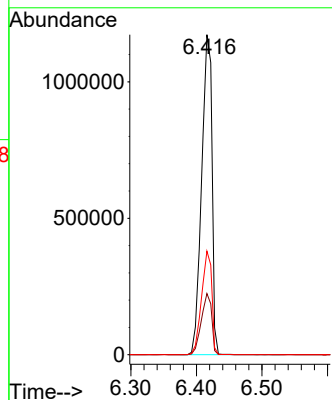
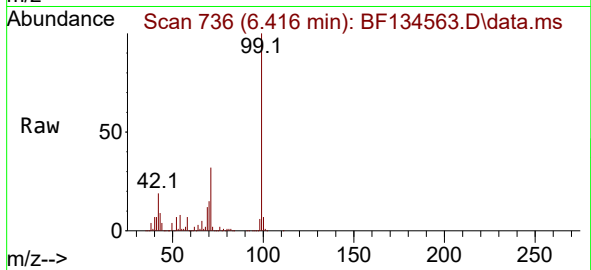




#7
Phenol-d6
Concen: 72.135 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

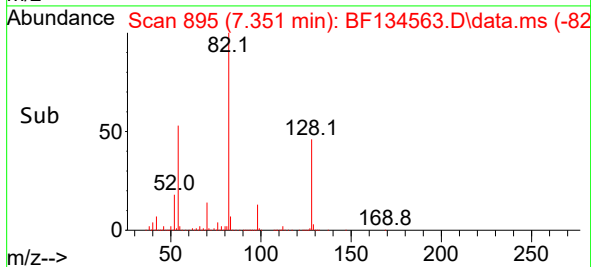
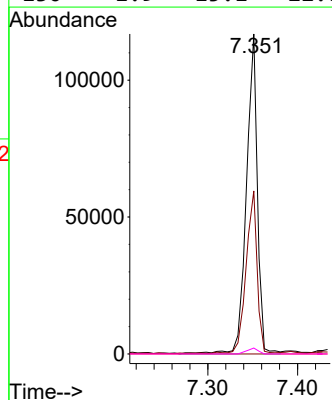
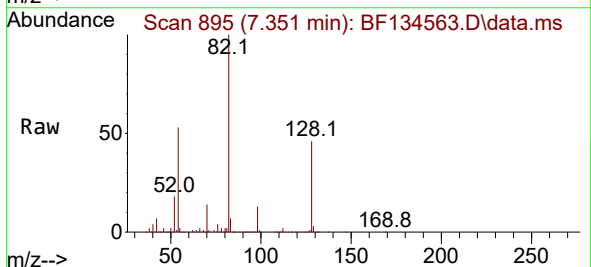
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

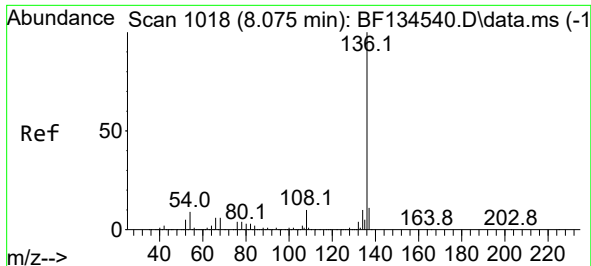
Tgt Ion: 99 Resp: 1291077
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 32.4 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.305 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

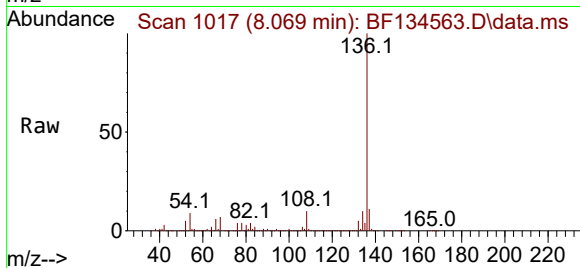
Tgt Ion: 70 Resp: 99712
Ion Ratio Lower Upper
70 100
42 50.9 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#



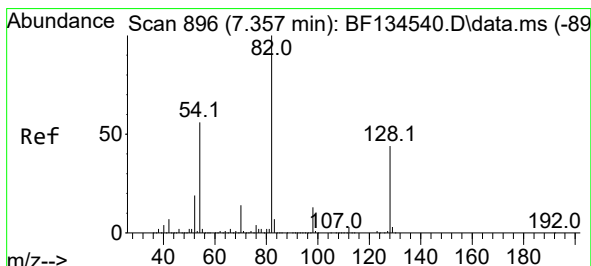
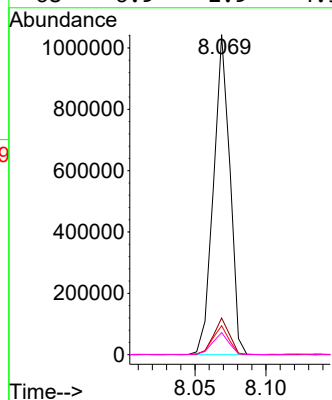
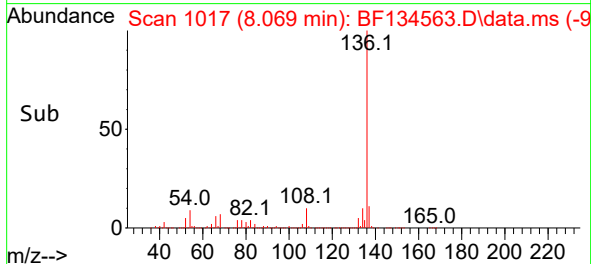


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

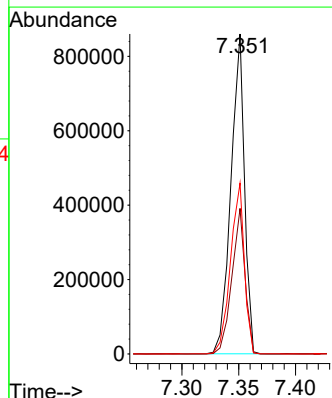
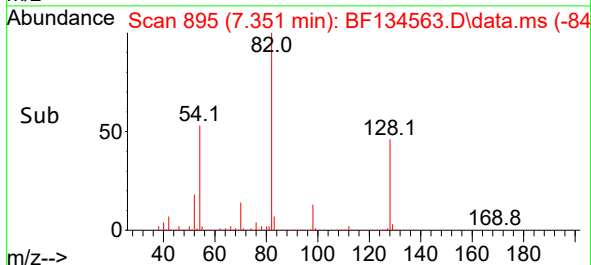
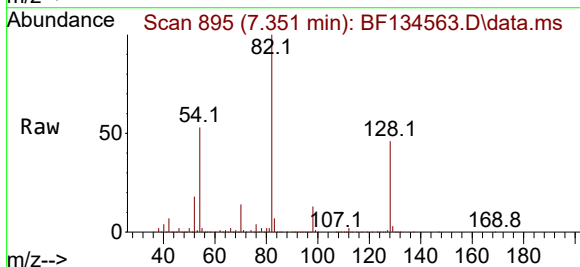


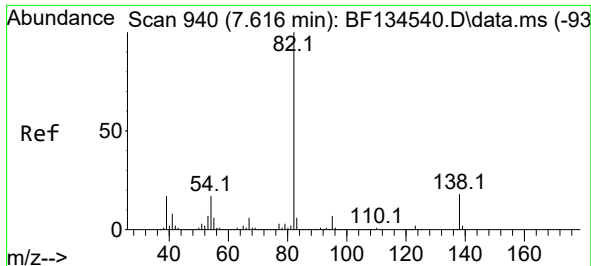
Tgt Ion:136 Resp: 834331
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.0 5.2 7.8#
68 6.9 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 53.406 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

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

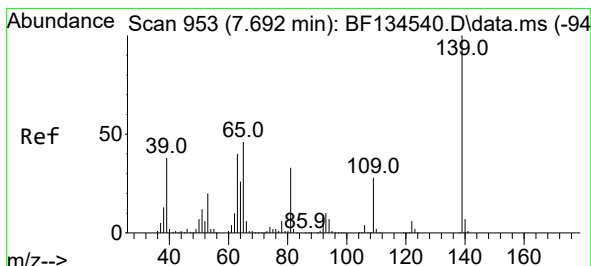
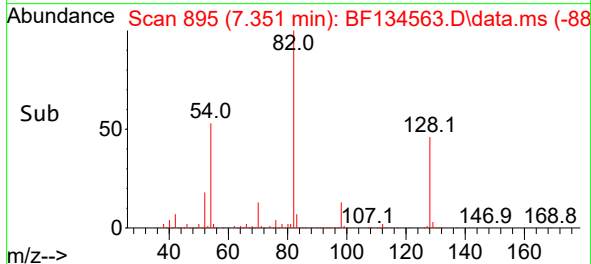
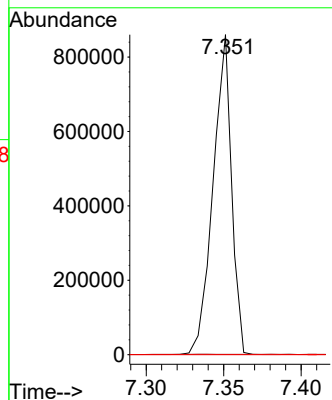
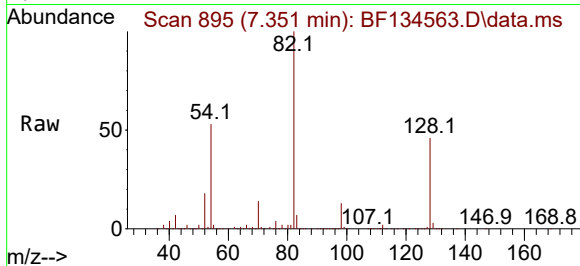




#25
Isophorone
Concen: 24.461 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

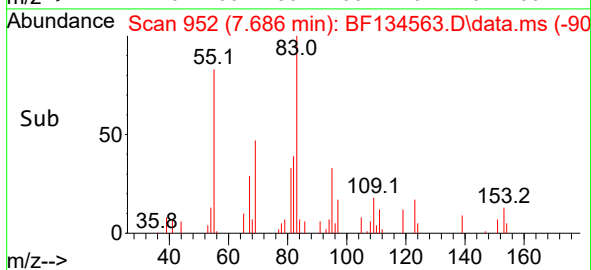
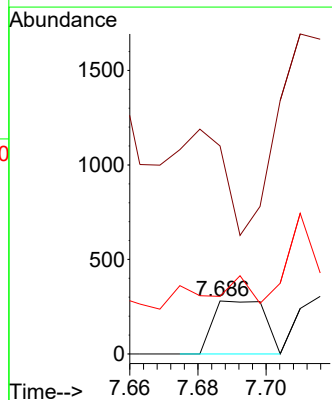
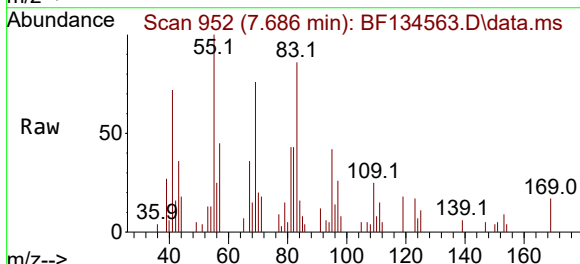
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

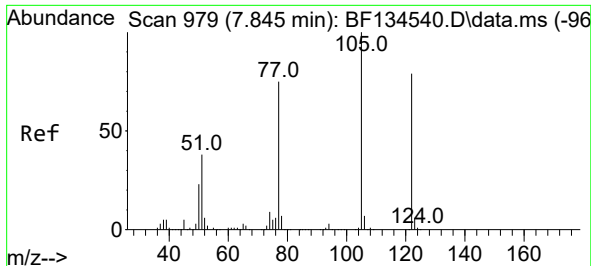
Tgt Ion: 82 Resp: 712300
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.835 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

Tgt Ion:139 Resp: 293
Ion Ratio Lower Upper
139 100
109 392.9 29.8 44.6#
65 108.9 45.4 68.2#

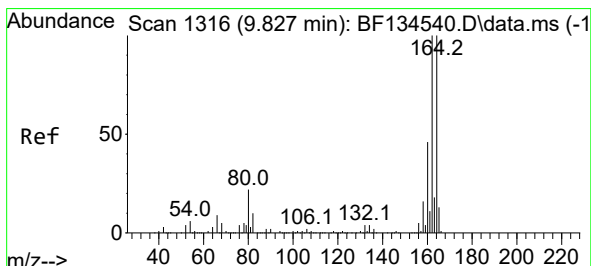
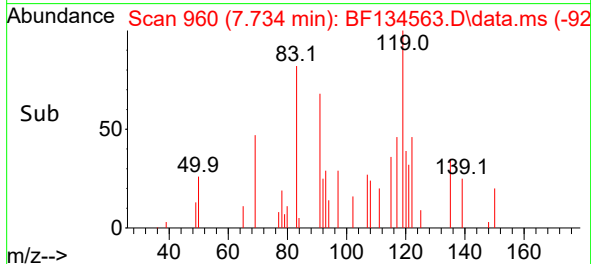
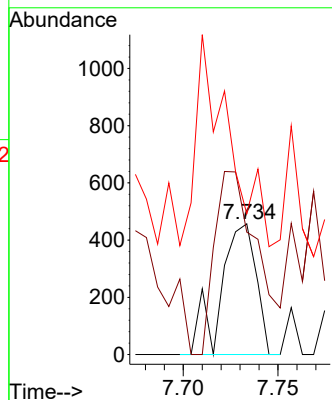
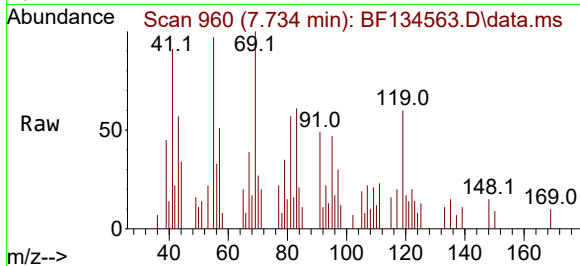




#32
Benzoic acid
Concen: 7.926 ng
RT: 7.734 min Scan# 90
Delta R.T. -0.111 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

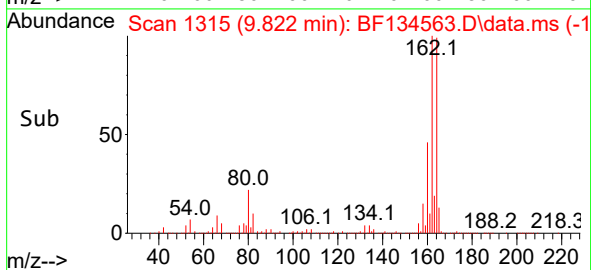
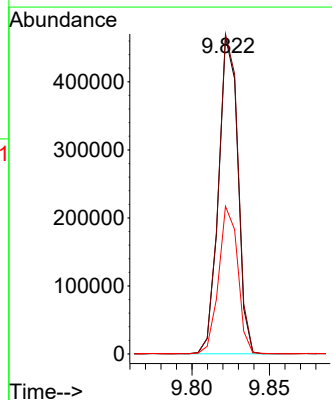
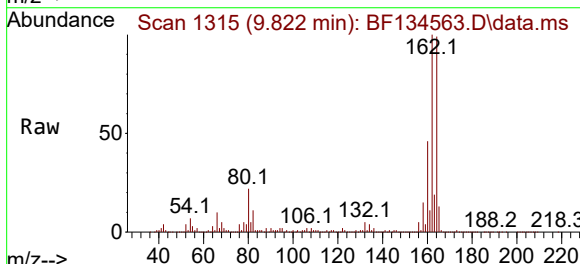
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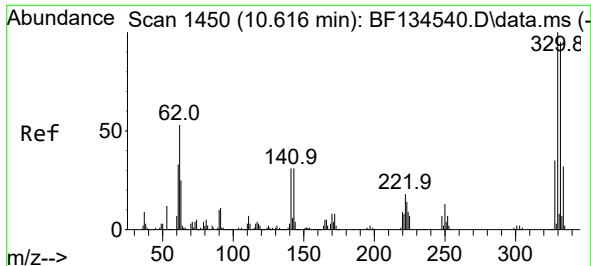
Tgt Ion:	122	Resp:	593
Ion	Ratio	Lower	Upper
122	100		
105	93.7	87.5	127.5
77	107.7	71.4	111.4



#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

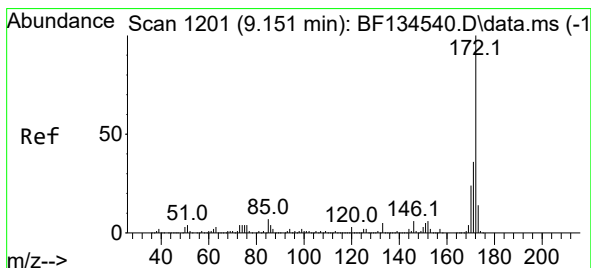
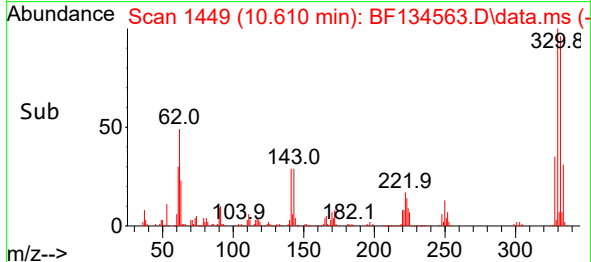
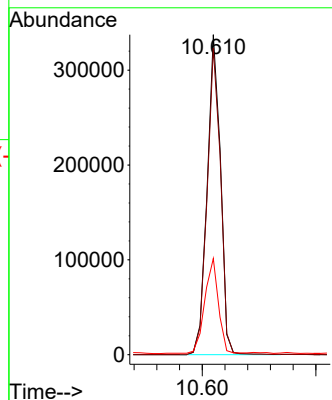
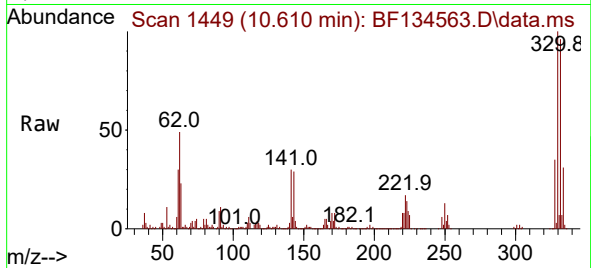




#42
2,4,6-Tribromophenol
Concen: 67.014 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

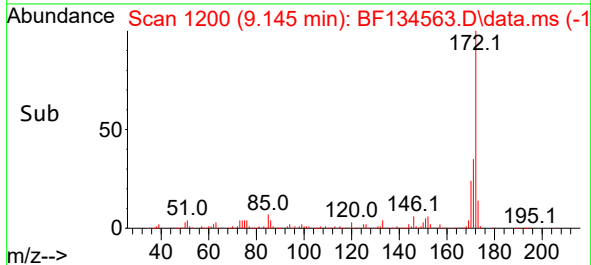
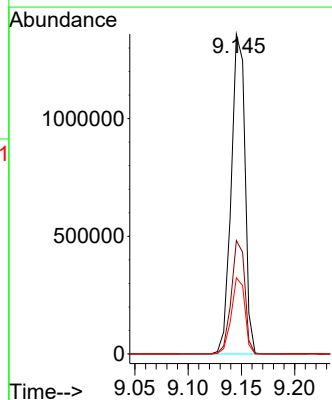
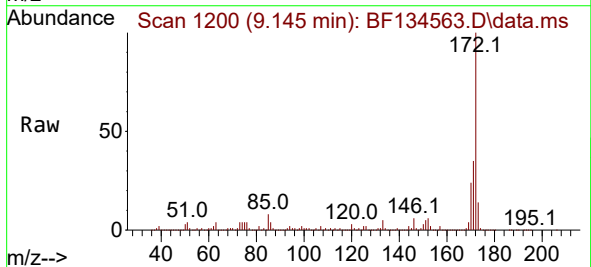
Instrument :
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HOWE-1-LP

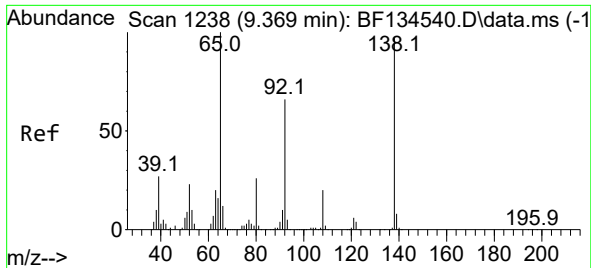
Tgt Ion: 330 Resp: 274354
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 30.8 25.4 38.2



#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





#48

2-Nitroaniline

Concen: 3.207 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF134563.D

Acq: 01 Aug 2023 23:06

Instrument :

BNA_F

ClientSampleId :

HOWE-1-LP

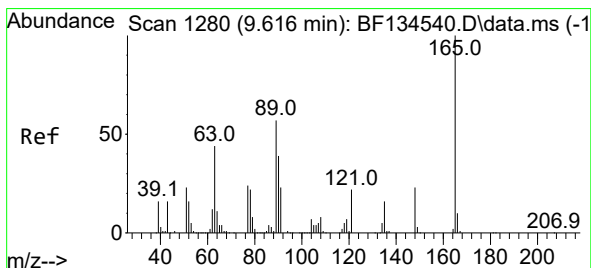
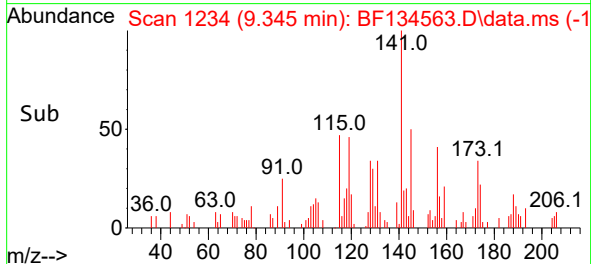
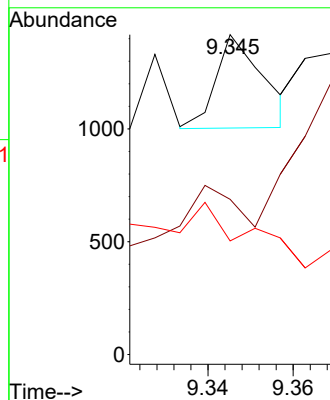
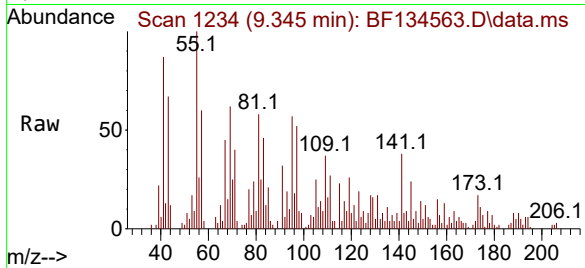
Tgt Ion: 65 Resp: 317

Ion Ratio Lower Upper

65 100

92 48.5 50.7 76.1#

138 35.5 78.2 117.4#



#51

2,6-Dinitrotoluene

Concen: 2.813 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.094 min

Lab File: BF134563.D

Acq: 01 Aug 2023 23:06

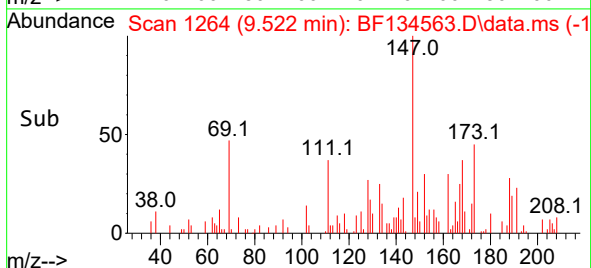
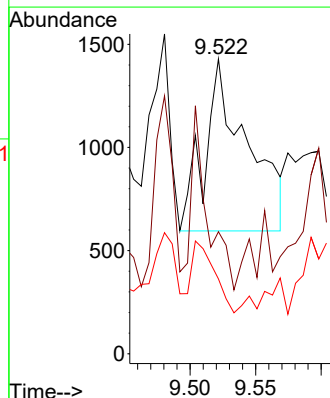
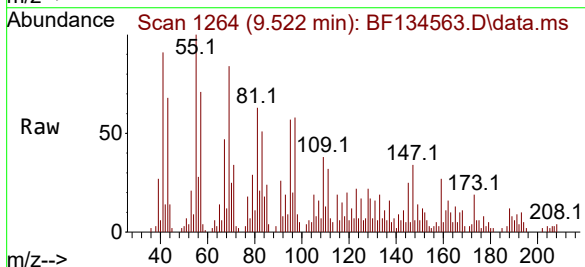
Tgt Ion: 165 Resp: 1880

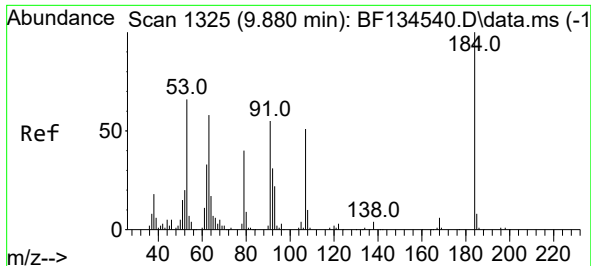
Ion Ratio Lower Upper

165 100

63 41.4 57.8 86.6#

89 25.4 51.8 77.8#

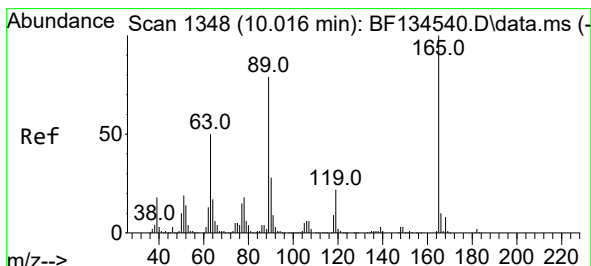
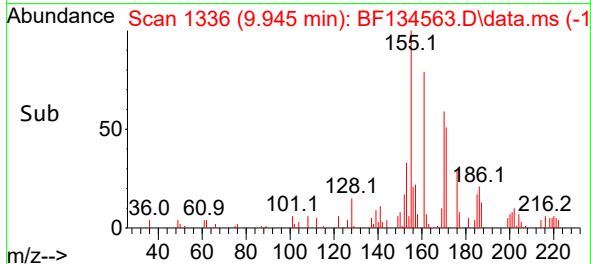
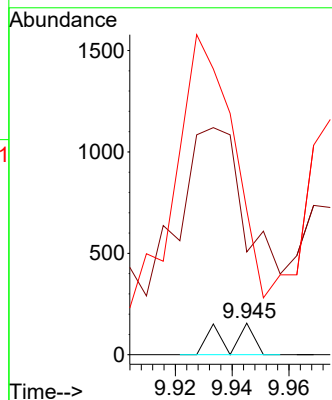
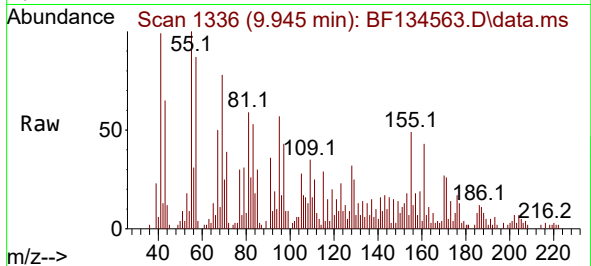




#54
2,4-Dinitrophenol
Concen: 6.846 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

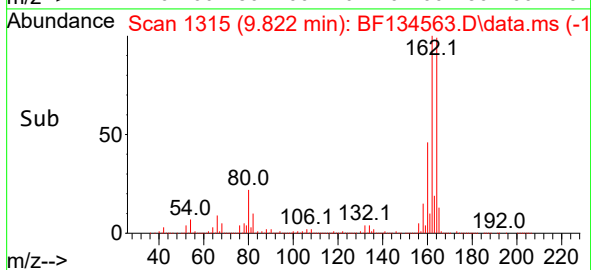
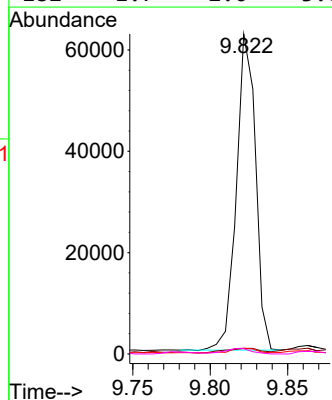
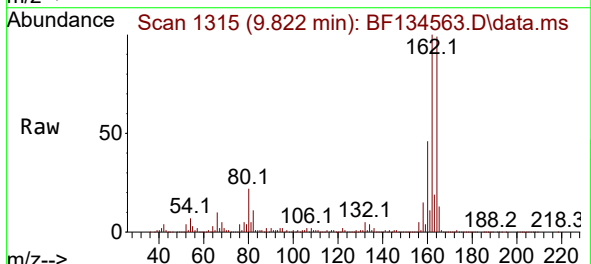
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

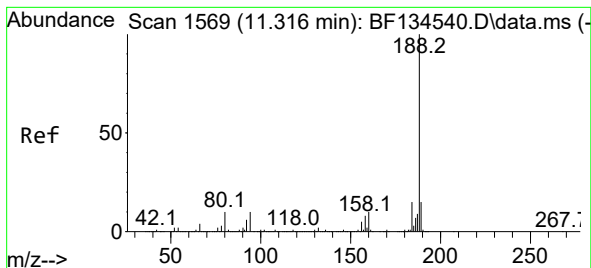
Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
63 325.0 57.1 85.7#
154 457.1 59.1 88.7#



#57
2,4-Dinitrotoluene
Concen: 10.315 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

Tgt Ion:165 Resp: 53751
Ion Ratio Lower Upper
165 100
63 1.8 48.9 73.3#
89 1.8 61.7 92.5#
182 1.7 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134563.D

Acq: 01 Aug 2023 23:06

Instrument :

BNA_F

ClientSampleId :

HOWE-1-LP

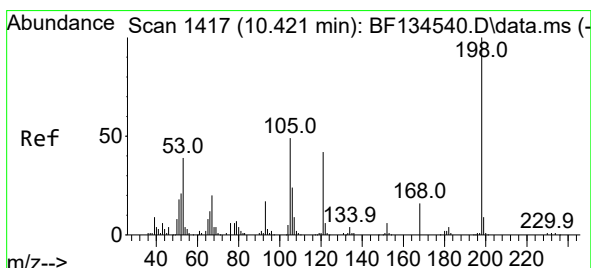
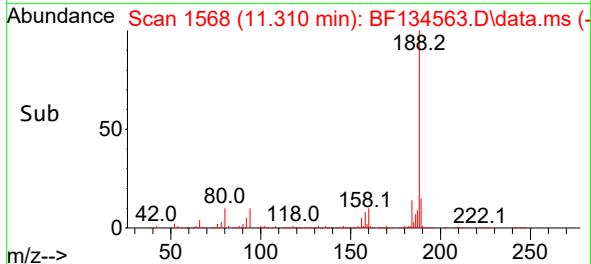
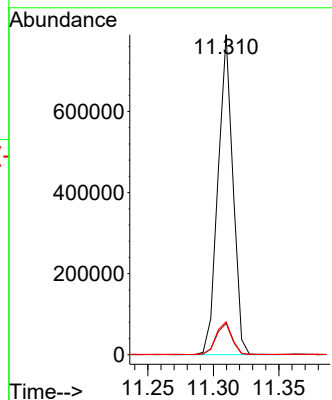
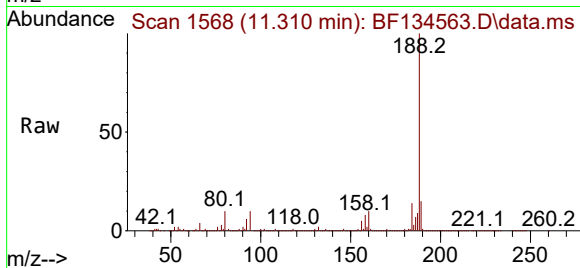
Tgt Ion:188 Resp: 622775

Ion Ratio Lower Upper

188 100

94 9.8 5.1 7.7#

80 10.3 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.801 ng

RT: 10.398 min Scan# 1413

Delta R.T. -0.023 min

Lab File: BF134563.D

Acq: 01 Aug 2023 23:06

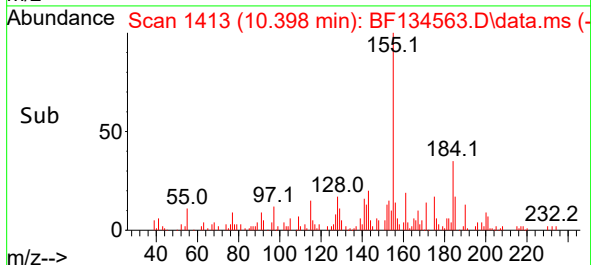
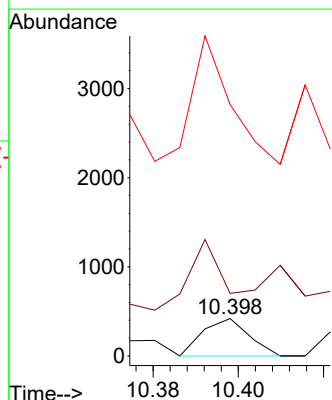
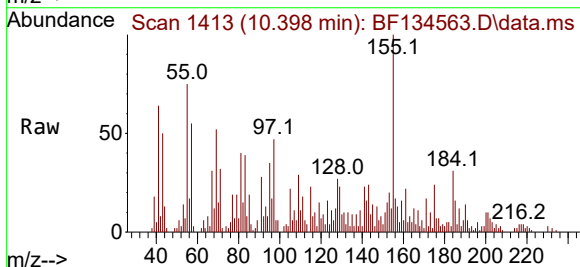
Tgt Ion:198 Resp: 315

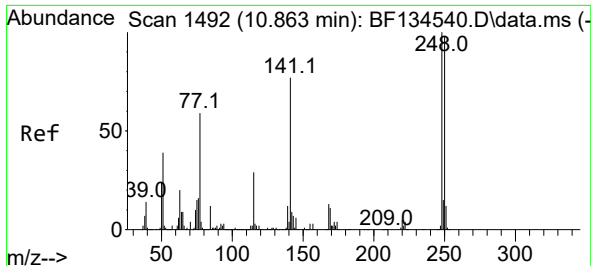
Ion Ratio Lower Upper

198 100

51 167.3 38.6 78.6#

105 673.0 27.9 67.9#

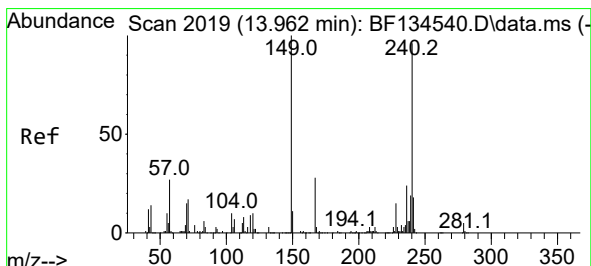
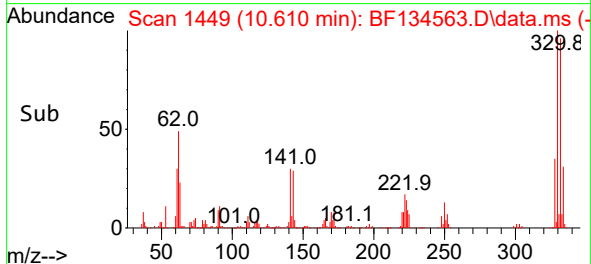
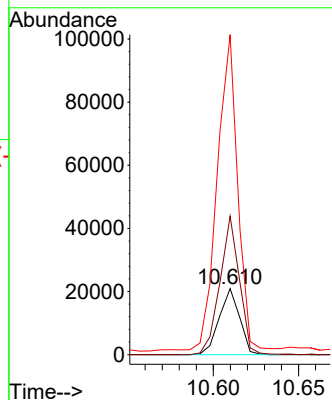
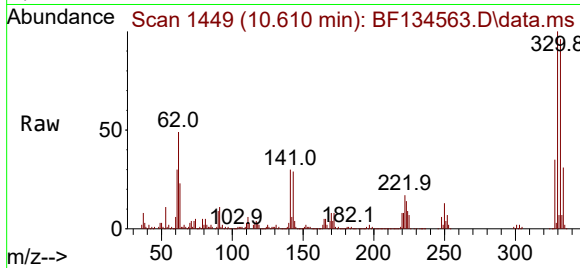




#67
4-Bromophenyl-phenylether
Concen: 2.556 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF134563.D
Acq: 01 Aug 2023 23:06

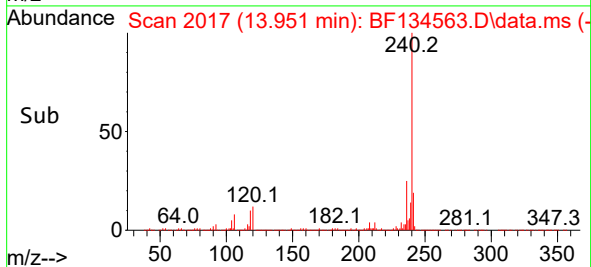
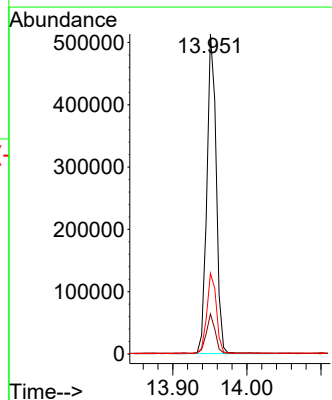
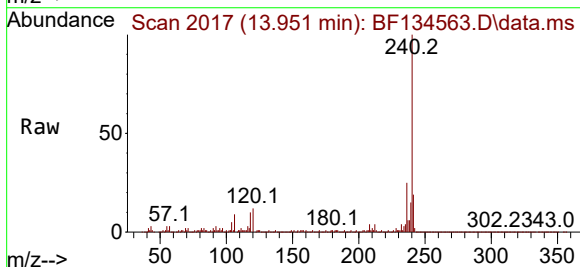
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

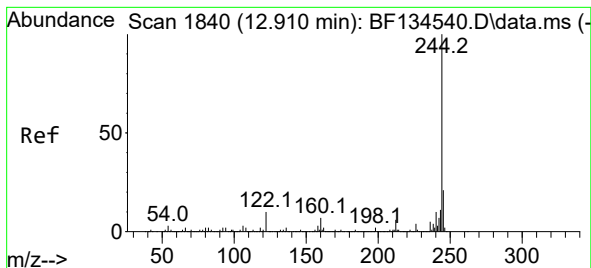
Tgt Ion:248 Resp: 17427
Ion Ratio Lower Upper
248 100
250 209.6 79.6 119.4#
141 484.1 59.6 89.4#



#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

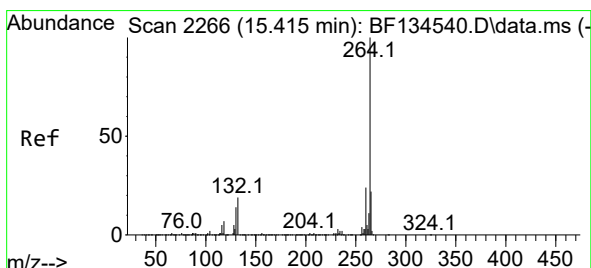
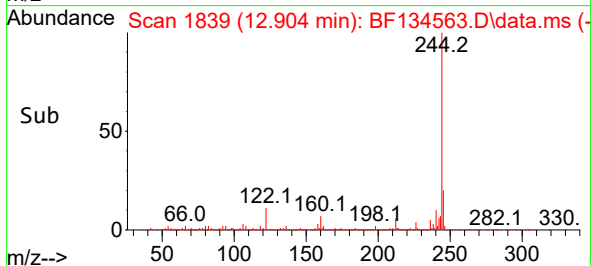
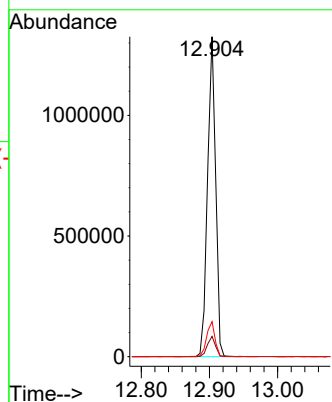
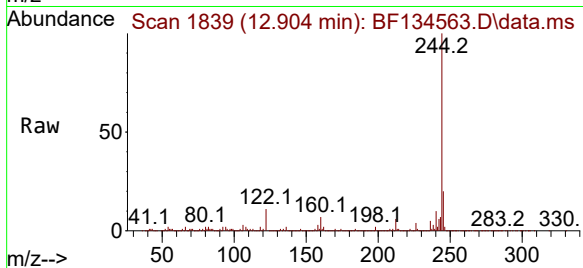
Tgt Ion:244 Resp: 1096747

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

