

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
 Data File : BF131490.D
 Acq On : 01 Dec 2022 14:54
 Operator : CG\JU
 Sample : N5809-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOWE-DRUM-C-1129

Quant Time: Dec 02 03:27:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 12:46:17 2022
 Response via : Initial Calibration

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

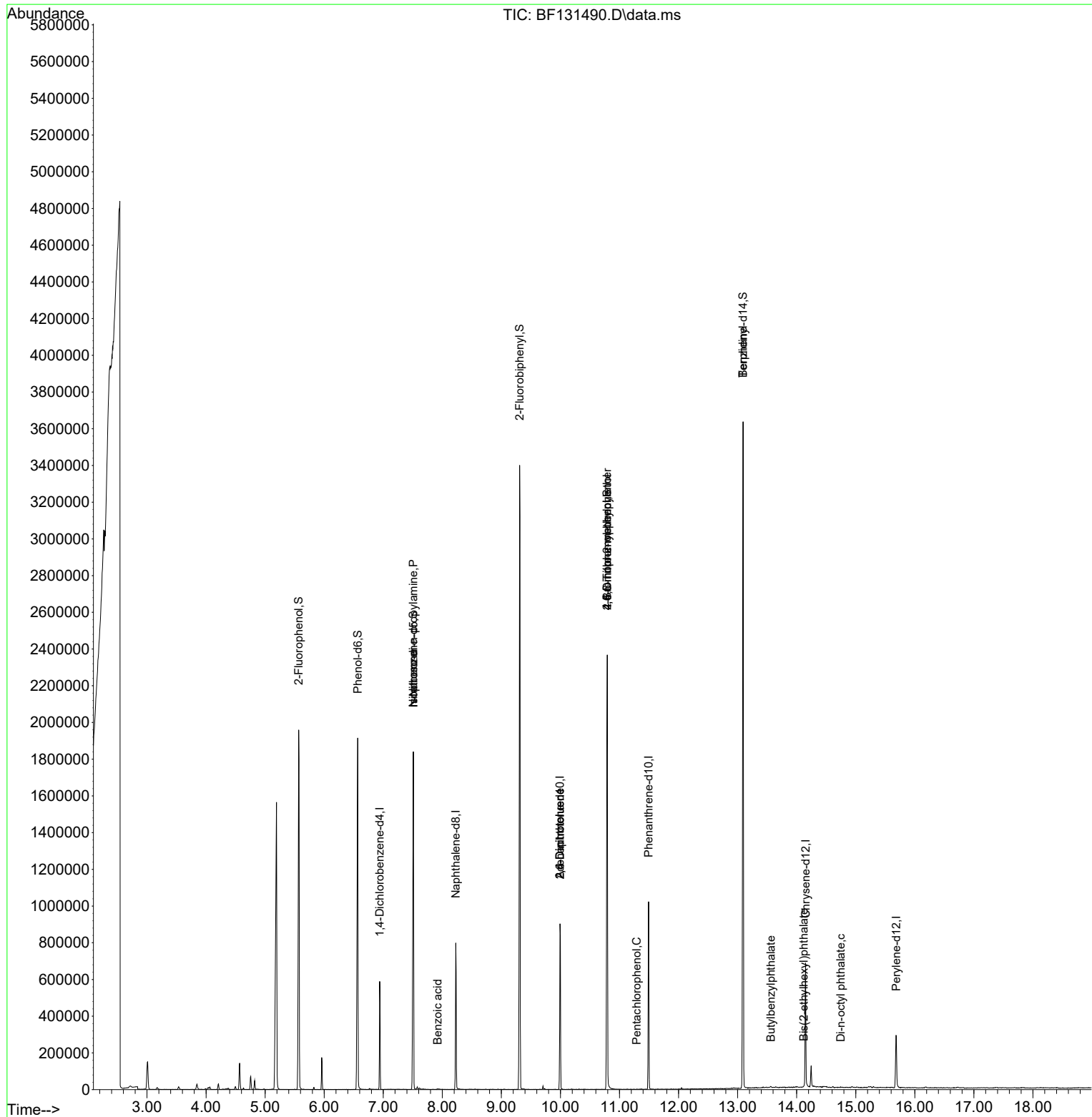
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	79629	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	335172	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	194636	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	351262	20.000	ng	-0.01
76) Chrysene-d12	14.151	240	228811	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	146136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	537782	128.535	ng	0.01
7) Phenol-d6	6.569	99	625089	117.097	ng	0.00
23) Nitrobenzene-d5	7.510	82	615362	92.548	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	295555	180.493	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1154544	86.297	ng	-0.01
79) Terphenyl-d14	13.092	244	1328857	94.971	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.563	77	1006	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.510	70	84615	21.652	ng	# 69
25) Isophorone	7.510	82	615349	51.873	ng	# 68
32) Benzoic acid	7.922	122	1034	5.552	ng	# 72
51) 2,6-Dinitrotoluene	9.992	165	24435	9.010	ng	# 14
57) 2,4-Dinitrotoluene	9.992	165	24435	7.161	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.792	198	629	5.042	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	18706	4.345	ng	# 1
70) Pentachlorophenol	11.292	266	306	4.987	ng	# 47
77) Benzidine	13.092	184	16863	3.990	ng	# 91
80) Butylbenzylphthalate	13.563	149	1131	4.296	ng	# 77
84) Bis(2-ethylhexyl)phtha...	14.121	149	1896	3.943	ng	# 97
85) Di-n-octyl phthalate	14.745	149	1871	4.069	ng	# 85

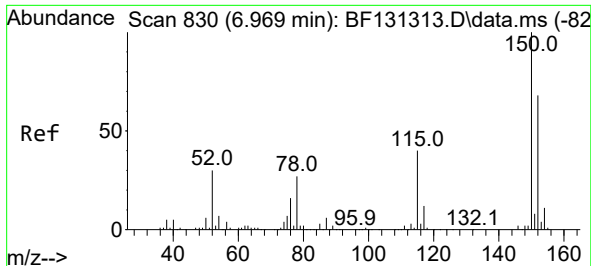
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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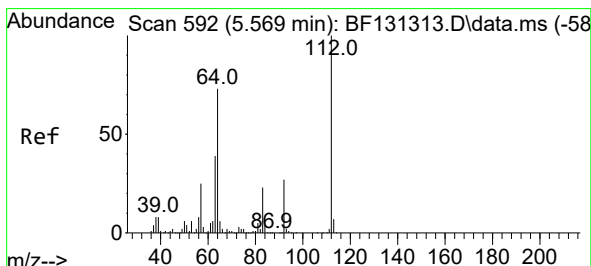
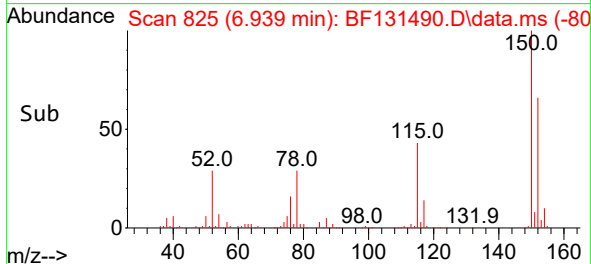
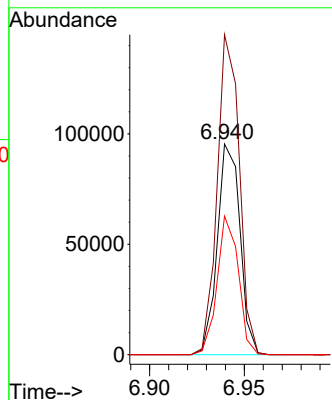
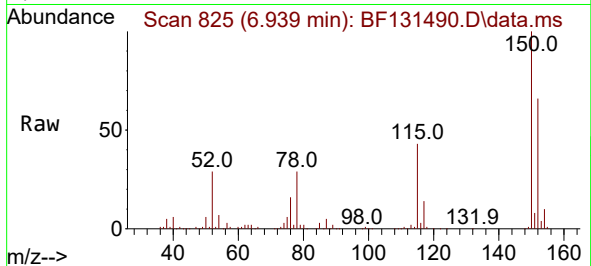




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

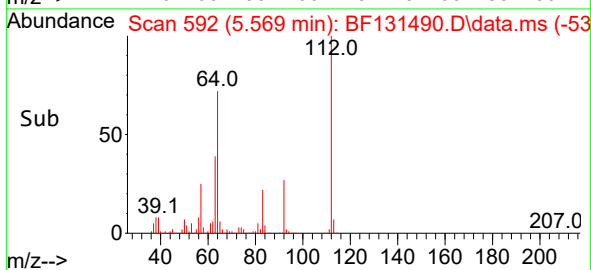
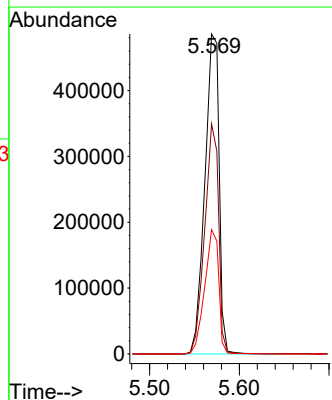
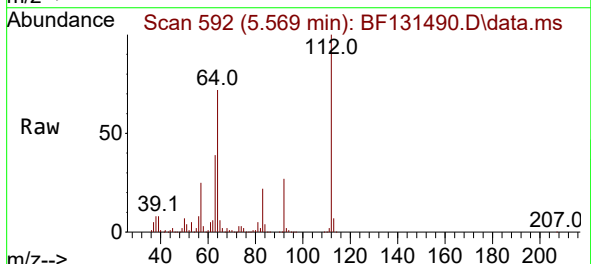
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

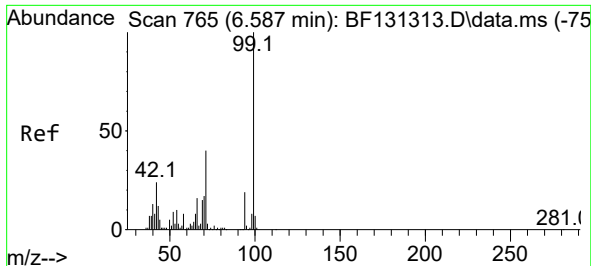
Tgt Ion:152 Resp: 79629
Ion Ratio Lower Upper
152 100
150 151.9 117.8 176.8
115 65.8 47.1 70.7



#5
2-Fluorophenol
Concen: 128.535 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:112 Resp: 537782
Ion Ratio Lower Upper
112 100
64 71.9 58.6 88.0
63 38.8 31.4 47.0

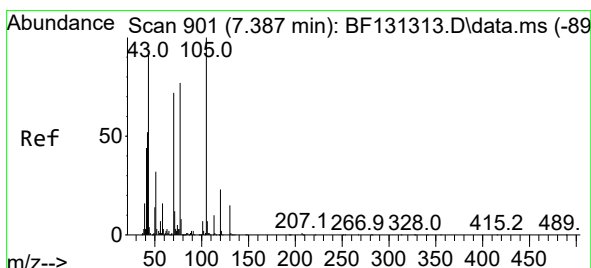
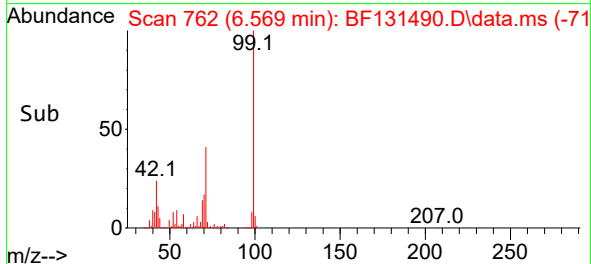
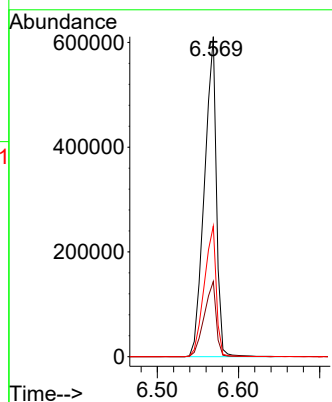
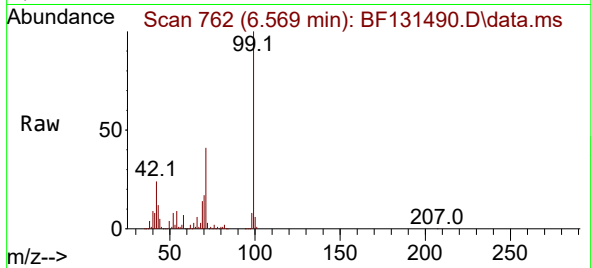




#7
Phenol-d6
Concen: 117.097 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

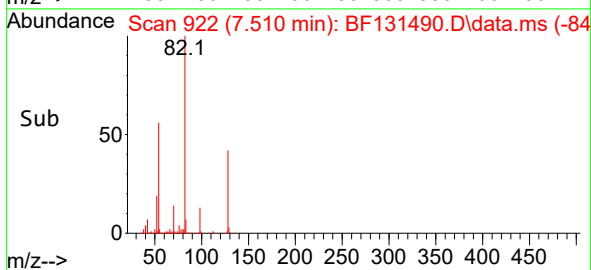
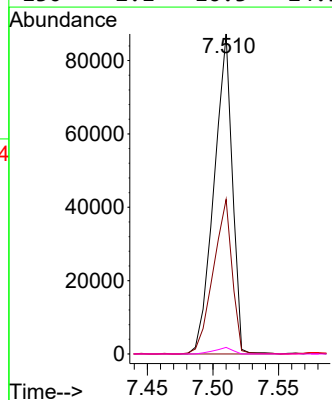
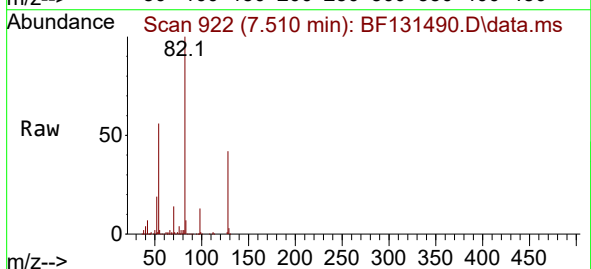
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion: 99 Resp: 625089
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 40.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.652 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion: 70 Resp: 84615
Ion Ratio Lower Upper
70 100
42 48.3 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#

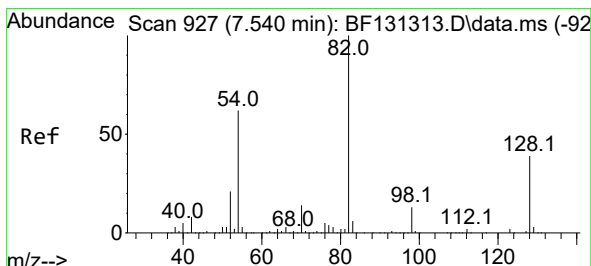
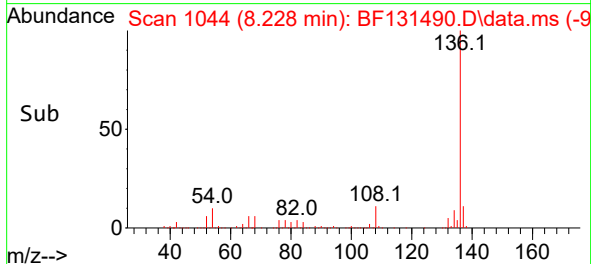
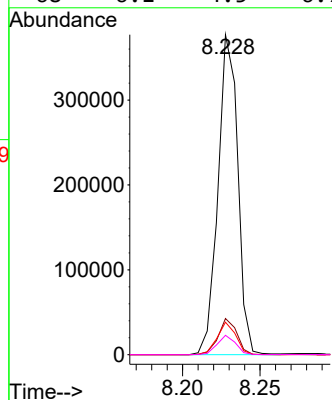
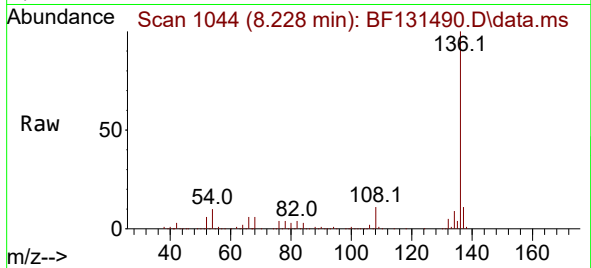




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

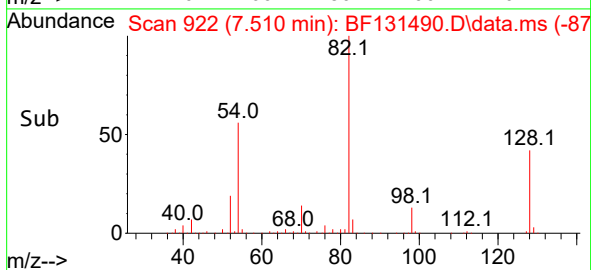
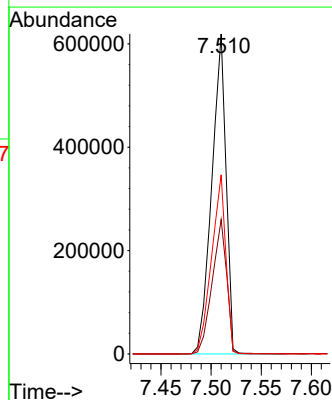
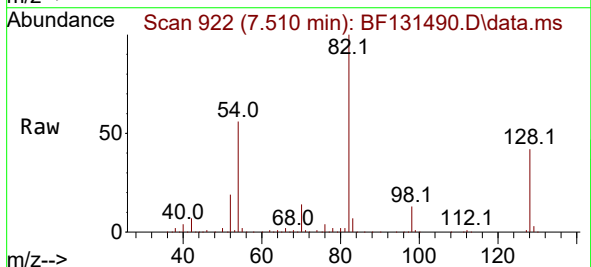
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

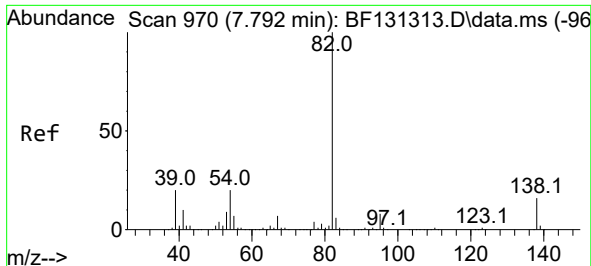
Tgt Ion:136	Resp:	335172	
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.2	9.4	14.0
68	6.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 92.548 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion: 82	Resp: 615362
Ion Ratio	Lower Upper
82 100	
128 42.0	31.4 47.0
54 56.0	49.8 74.6

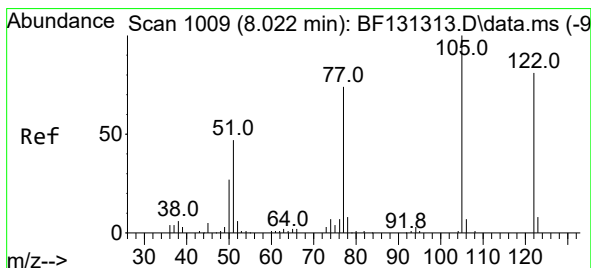
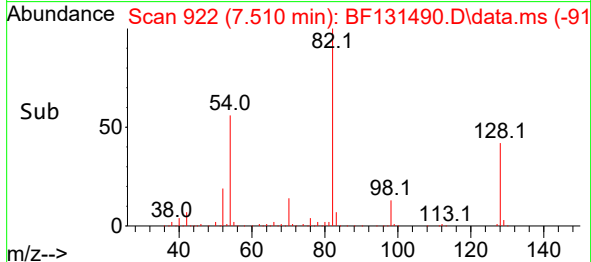
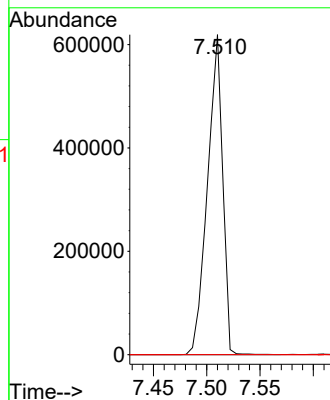
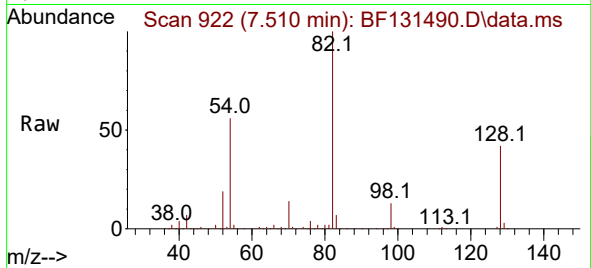




#25
Isophorone
Concen: 51.873 ng
RT: 7.510 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

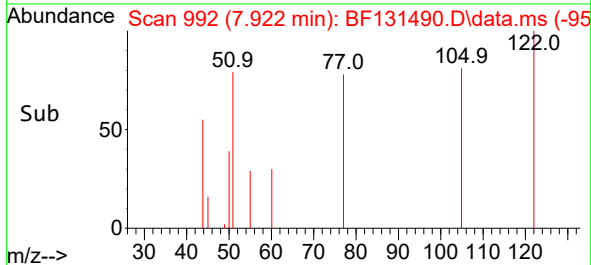
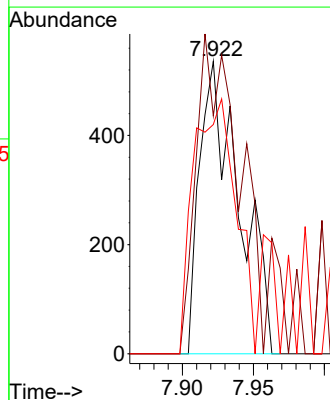
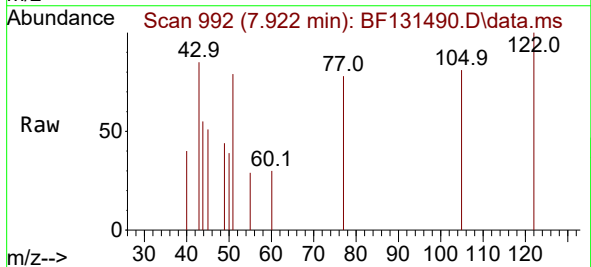
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

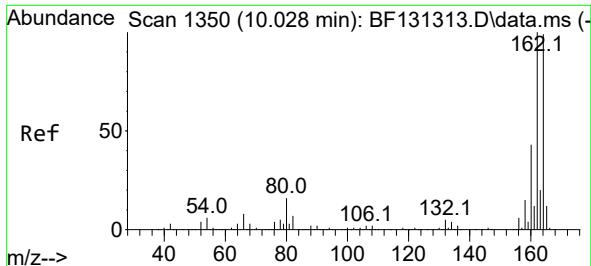
Tgt Ion: 82 Resp: 615349
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.552 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.077 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion: 122 Resp: 1034
Ion Ratio Lower Upper
122 100
105 81.3 103.8 143.8#
77 78.4 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

Instrument :

BNA_F

ClientSampleId :

HOWE-DRUM-C-1129

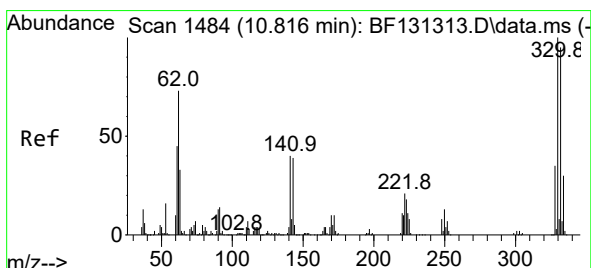
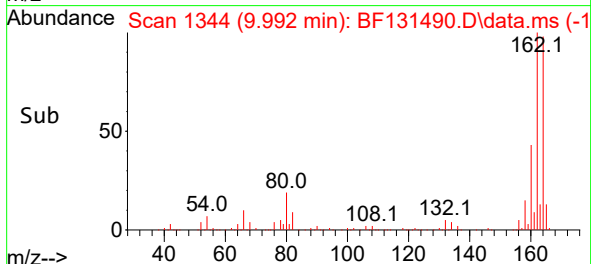
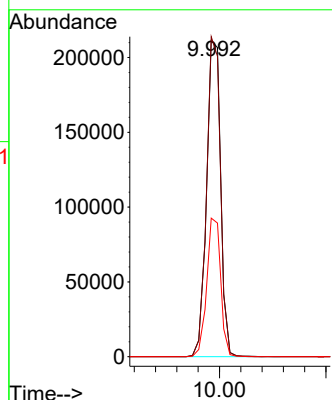
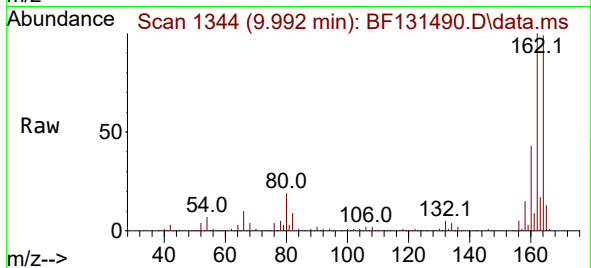
Tgt Ion:164 Resp: 194636

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 43.9 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 180.493 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

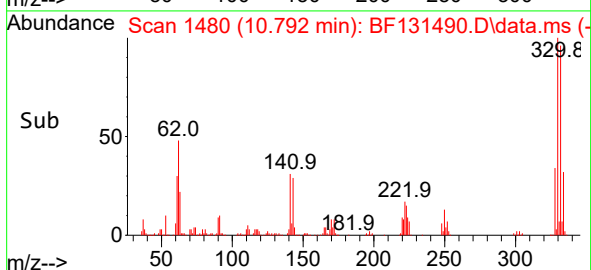
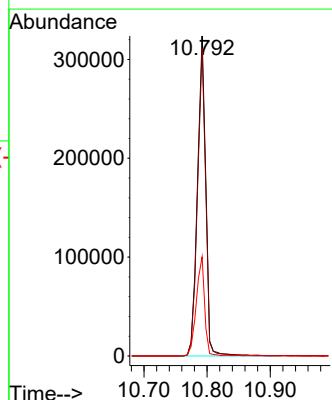
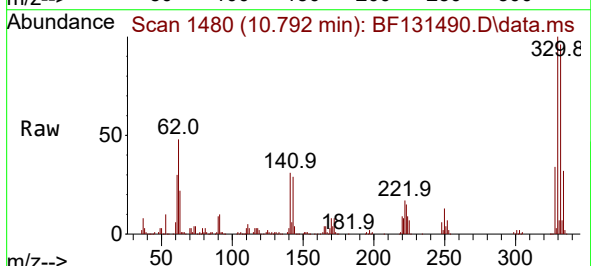
Tgt Ion:330 Resp: 295555

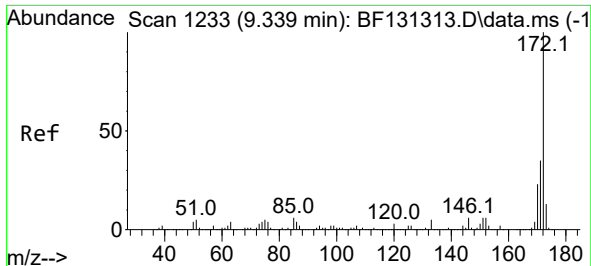
Ion Ratio Lower Upper

330 100

332 95.3 77.5 116.3

141 31.5 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 86.297 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

Instrument :

BNA_F

ClientSampleId :

HOWE-DRUM-C-1129

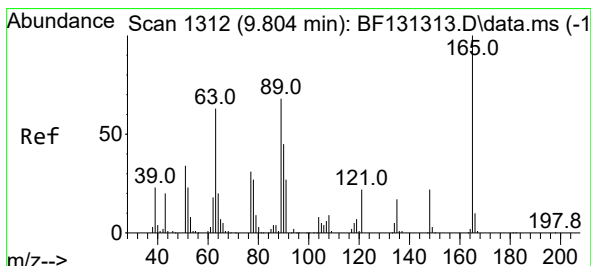
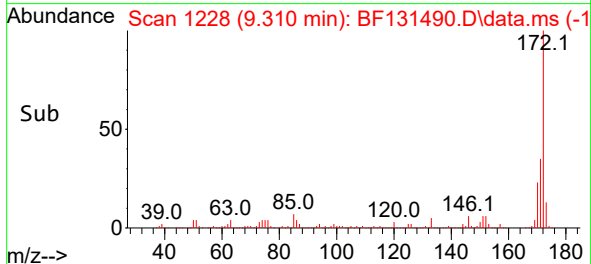
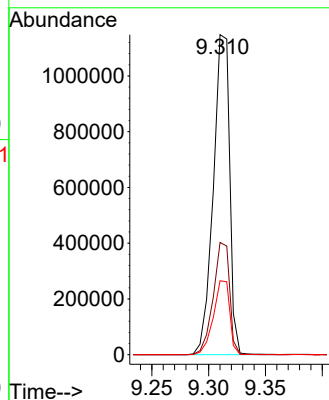
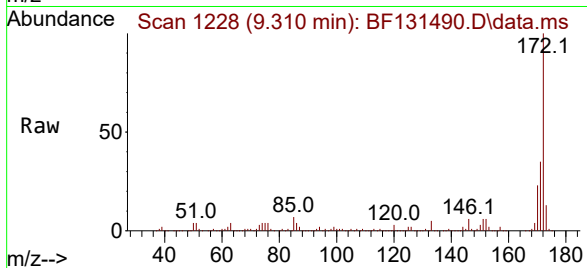
Tgt Ion:172 Resp: 1154544

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.1 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.010 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.206 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

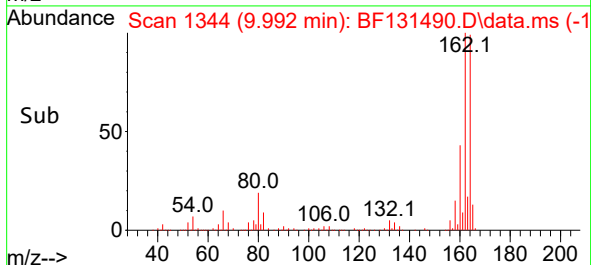
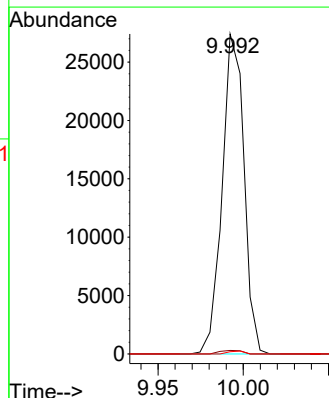
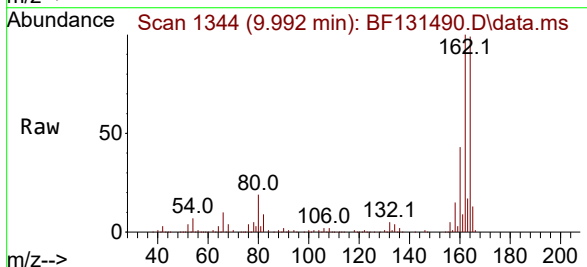
Tgt Ion:165 Resp: 24435

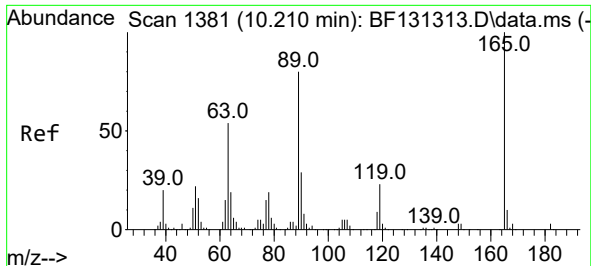
Ion Ratio Lower Upper

165 100

63 1.1 62.0 93.0#

89 0.7 54.4 81.6#

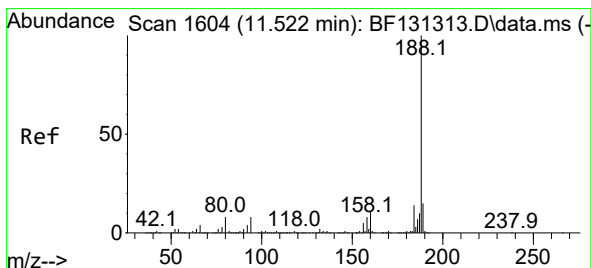
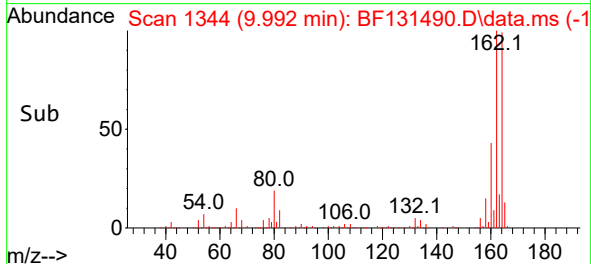
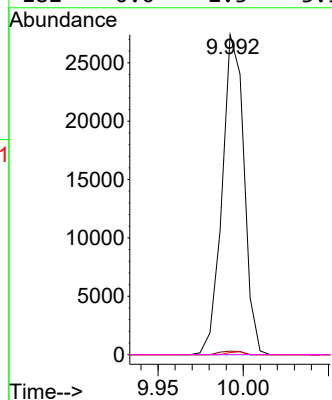
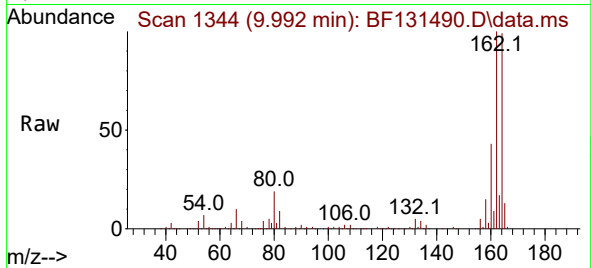




#57
2,4-Dinitrotoluene
Concen: 7.161 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

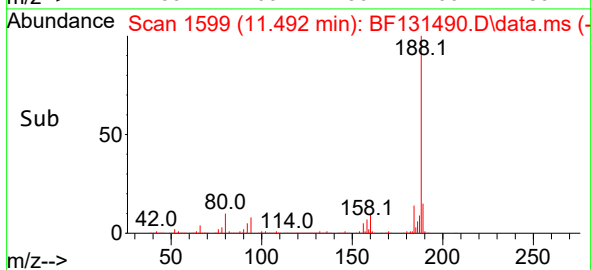
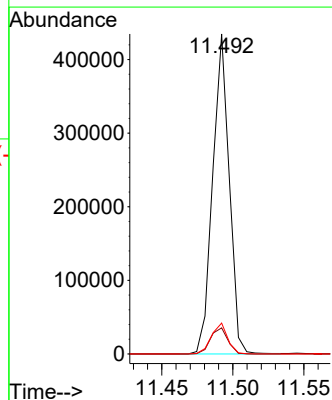
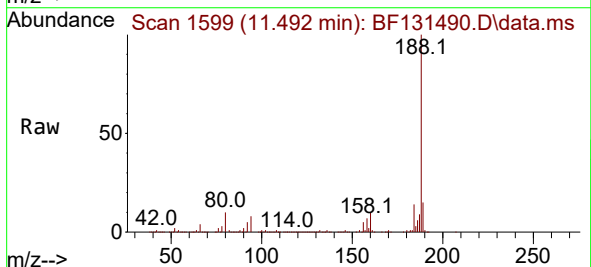
Instrument :
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HOWE-DRUM-C-1129

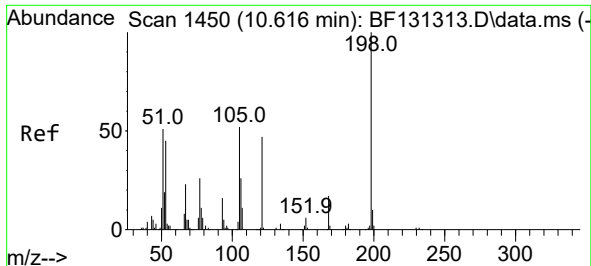
Tgt Ion:165 Resp: 24435
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 0.7 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:188 Resp: 351262
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 9.7 6.8 10.2

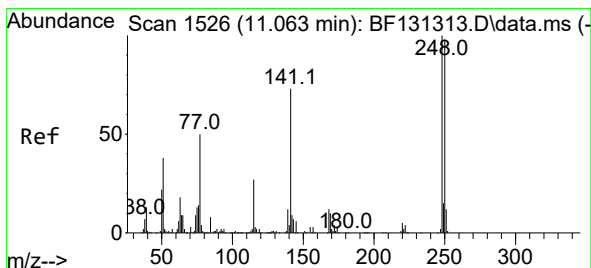
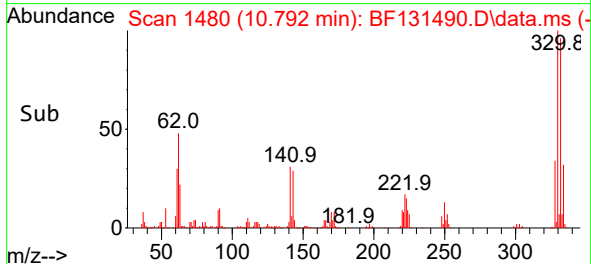
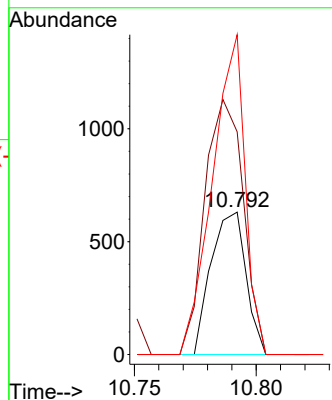
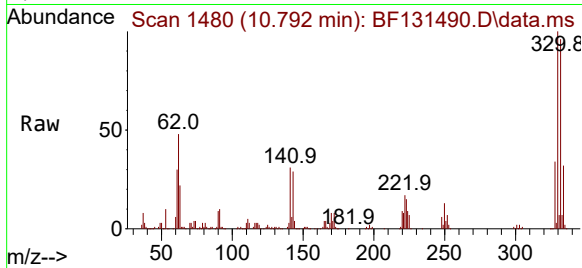




#65
4,6-Dinitro-2-methylphenol
Concen: 5.042 ng
RT: 10.792 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

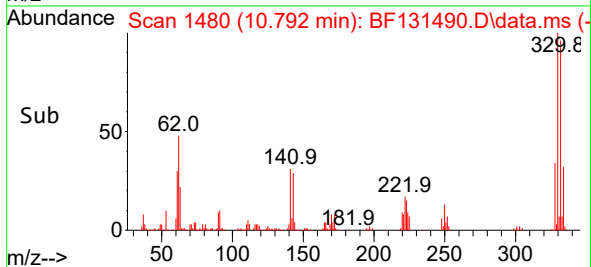
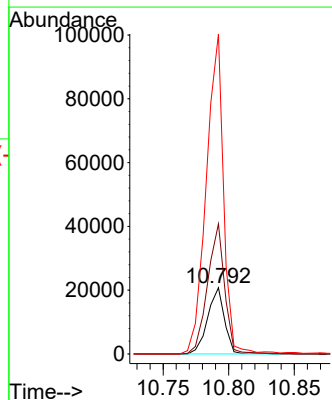
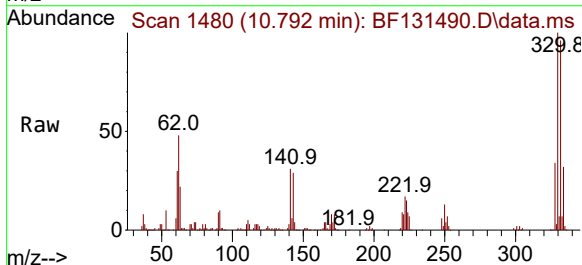
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

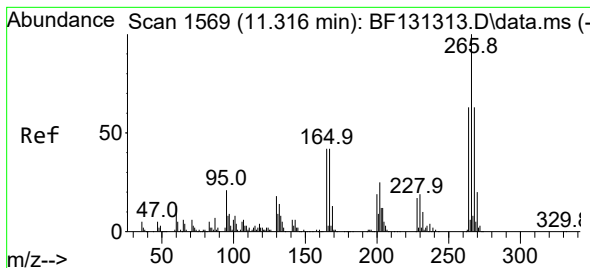
Tgt Ion:198 Resp: 629
Ion Ratio Lower Upper
198 100
51 156.4 50.1 90.1#
105 224.6 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.345 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.247 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:248 Resp: 18706
Ion Ratio Lower Upper
248 100
250 196.5 78.3 117.5#
141 483.3 58.0 87.0#





#70

Pentachlorophenol

Concen: 4.987 ng

RT: 11.292 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

Instrument :

BNA_F

ClientSampleId :

HOWE-DRUM-C-1129

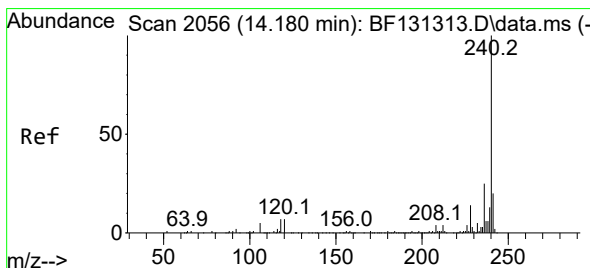
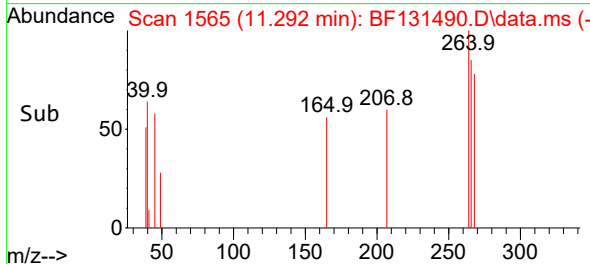
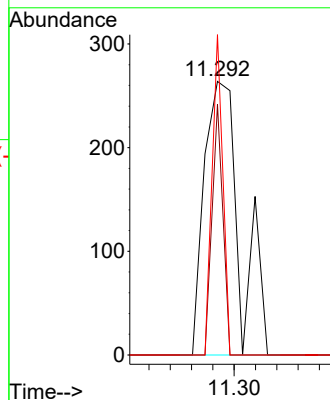
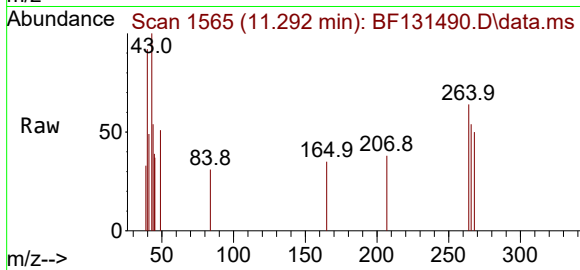
Tgt Ion:266 Resp: 306

Ion Ratio Lower Upper

266 100

268 91.7 50.6 75.8#

264 117.0 50.4 75.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

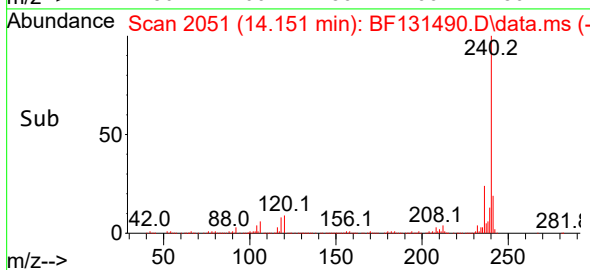
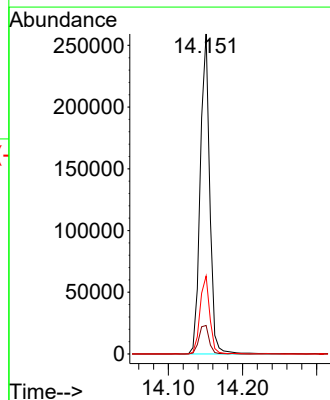
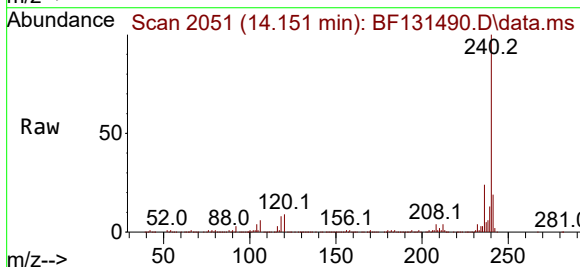
Tgt Ion:240 Resp: 228811

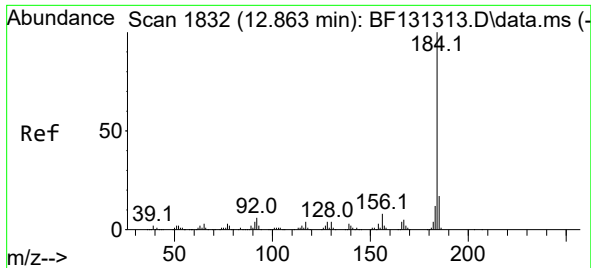
Ion Ratio Lower Upper

240 100

120 8.9 5.8 8.8#

236 24.4 20.3 30.5

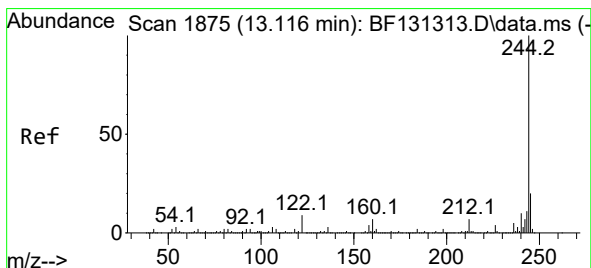
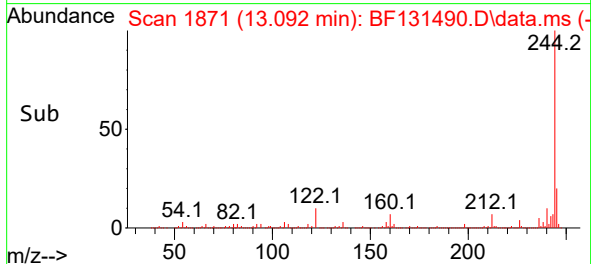
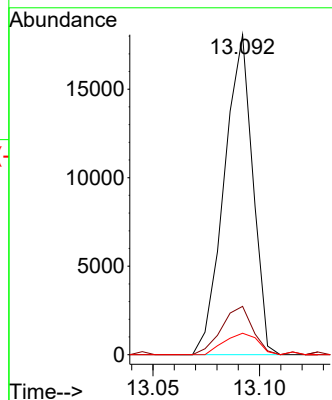
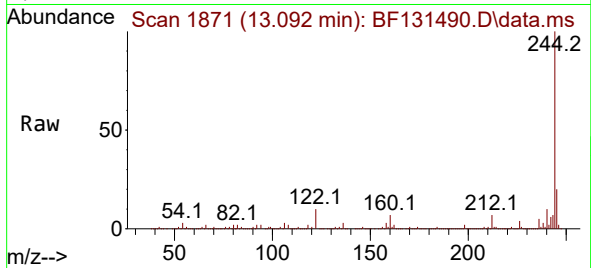




#77
Benzidine
Concen: 3.990 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.247 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

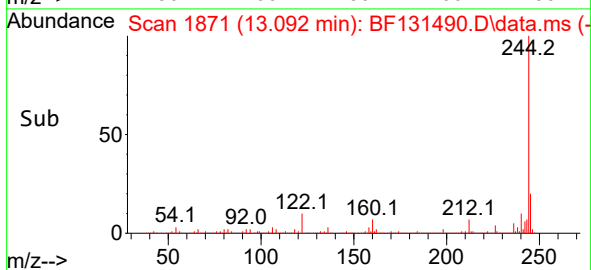
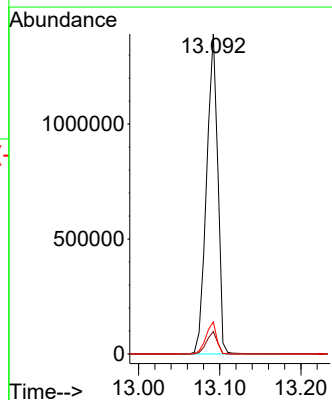
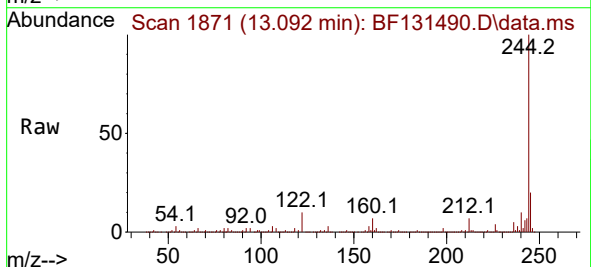
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

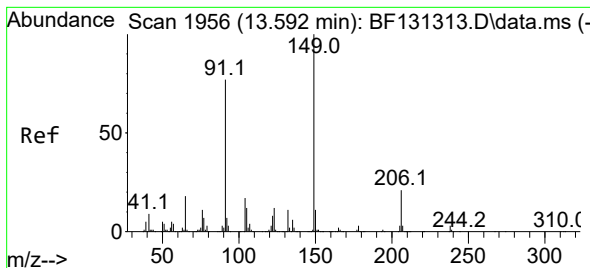
Tgt Ion:184 Resp: 16863
Ion Ratio Lower Upper
184 100
185 15.1 13.8 20.8
183 6.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 94.971 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:244 Resp: 1328857
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.1 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.296 ng

RT: 13.563 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

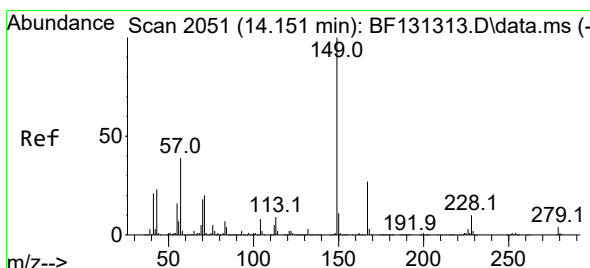
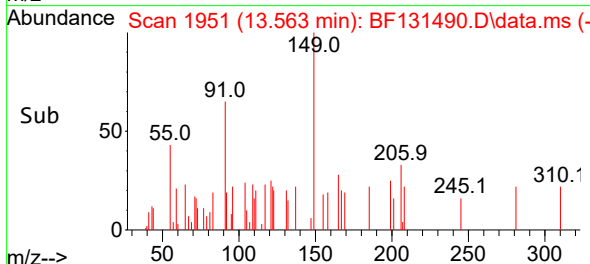
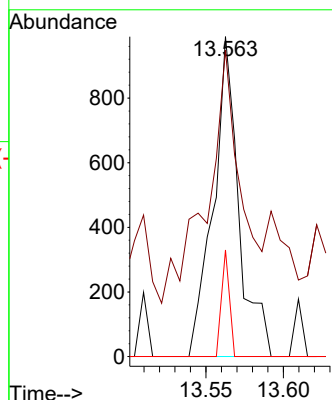
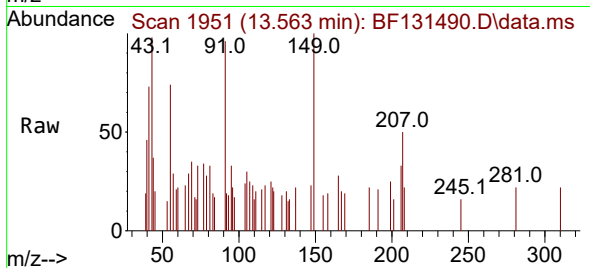
Instrument :

BNA_F

ClientSampleId :

HOWE-DRUM-C-1129

Tgt Ion:	149	Resp:	1131
Ion	Ratio	Lower	Upper
149	100		
91	95.9	61.9	92.9#
206	33.3	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.943 ng

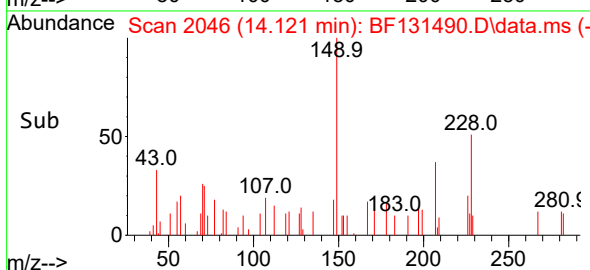
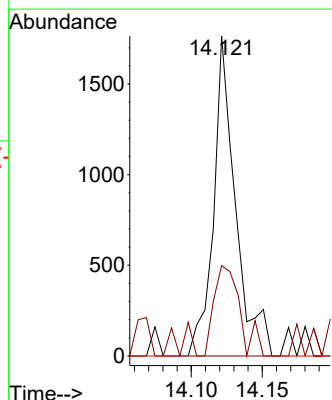
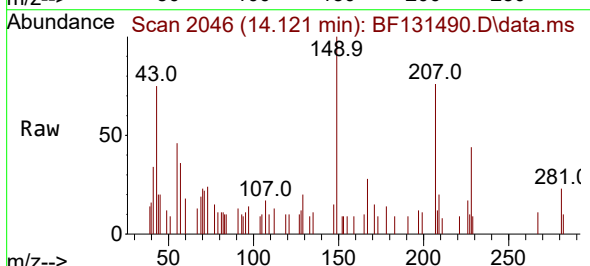
RT: 14.121 min Scan# 2046

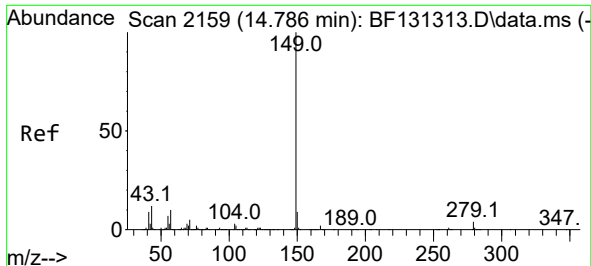
Delta R.T. -0.006 min

Lab File: BF131490.D

Acq: 01 Dec 2022 14:54

Tgt Ion:	149	Resp:	1896
Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.9	32.9
279	0.0	3.0	4.4#

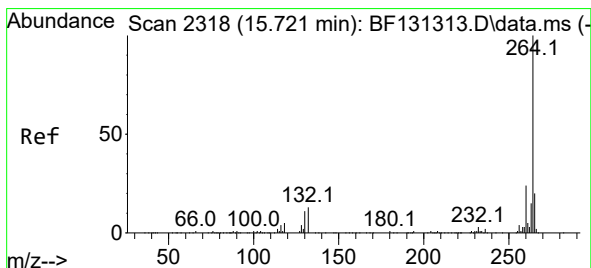
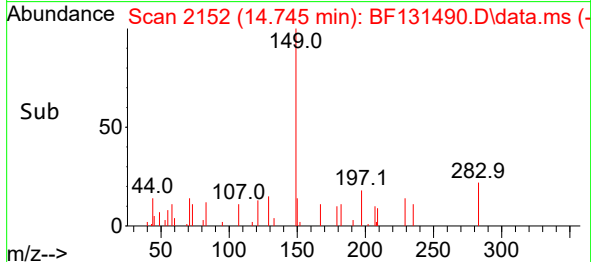
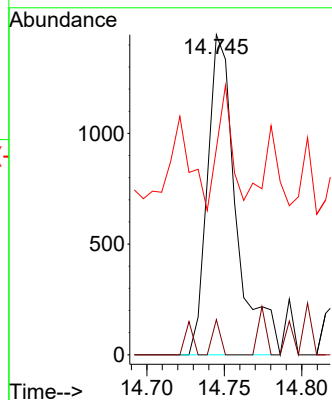
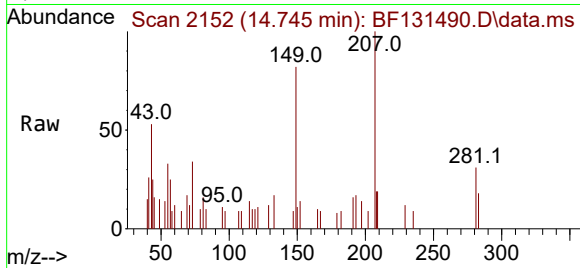




#85
Di-n-octyl phthalate
Concen: 4.069 ng
RT: 14.745 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion:149 Resp: 1871
Ion Ratio Lower Upper
149 100
167 3.0 1.2 1.8#
43 19.9 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BF131490.D
Acq: 01 Dec 2022 14:54

Tgt Ion:264 Resp: 146136
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.3 16.4 24.6

