

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131479.D
 Acq On : 30 Nov 2022 19:26
 Operator : CG\JU
 Sample : N5809-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 01 01:15:10 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 01:09:58 2022
 Response via : Initial Calibration

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

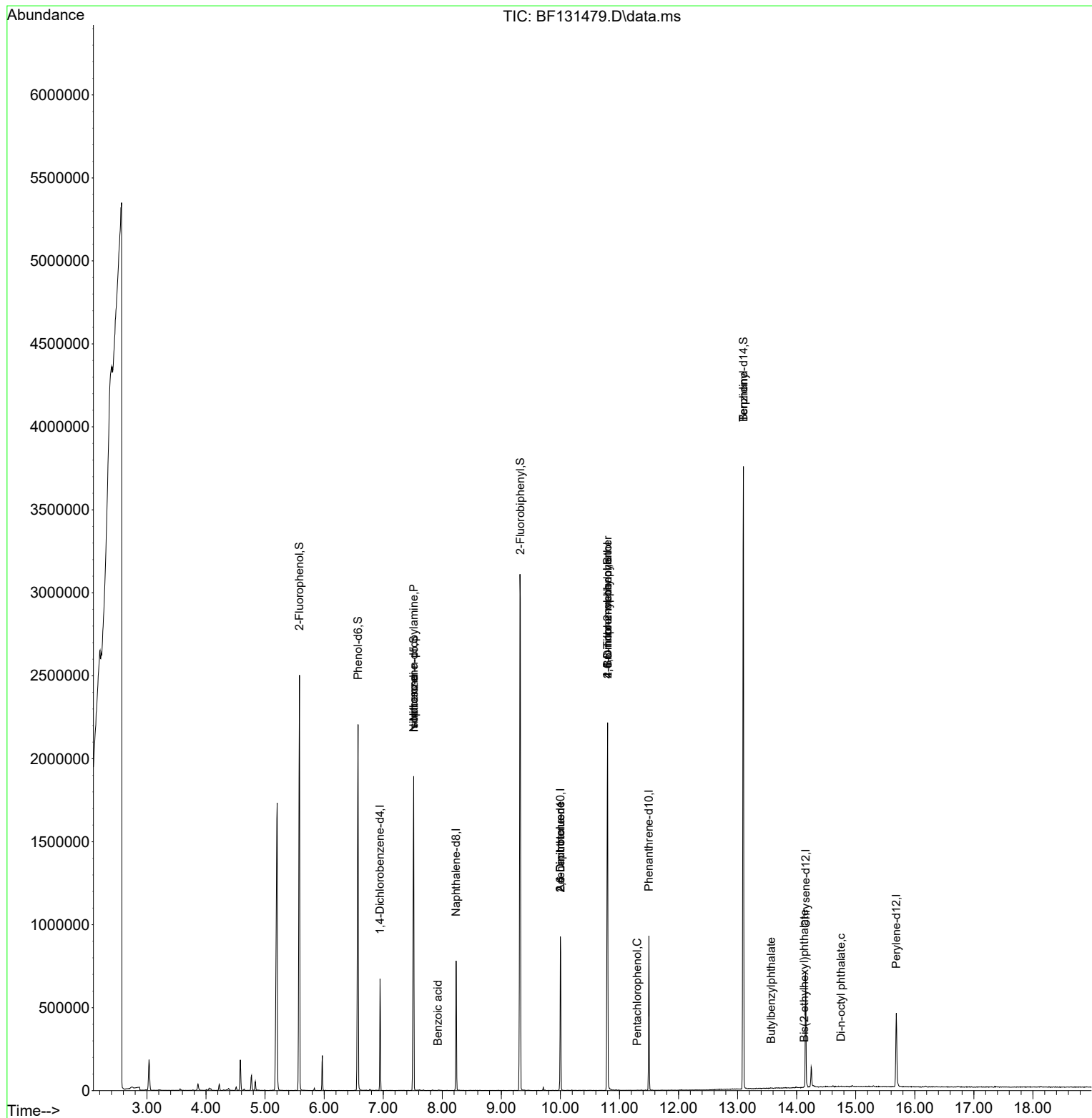
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	90159	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	314641	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	192989	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	309565	20.000	ng	0.00
76) Chrysene-d12	14.151	240	247151	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	220033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	630983	133.198	ng	0.02
7) Phenol-d6	6.575	99	742034	122.770	ng	0.00
23) Nitrobenzene-d5	7.516	82	632863	101.391	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	274154	168.852	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1084757	81.773	ng	0.00
79) Terphenyl-d14	13.098	244	1438793	95.197	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.575	77	1305	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	85718	19.373	ng	# 70
25) Isophorone	7.516	82	632857	56.830	ng	# 68
32) Benzoic acid	7.928	122	577	5.380	ng	97
51) 2,6-Dinitrotoluene	9.998	165	24972	9.287	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	24972	7.381	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.798	198	786	5.237	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	18263	4.813	ng	# 1
70) Pentachlorophenol	11.298	266	618	5.126	ng	# 84
77) Benzidine	13.098	184	18351	4.020	ng	# 91
80) Butylbenzylphthalate	13.569	149	857	4.250	ng	# 43
84) Bis(2-ethylhexyl)phtha...	14.127	149	1347	3.876	ng	# 97
85) Di-n-octyl phthalate	14.751	149	1376	4.015	ng	# 69

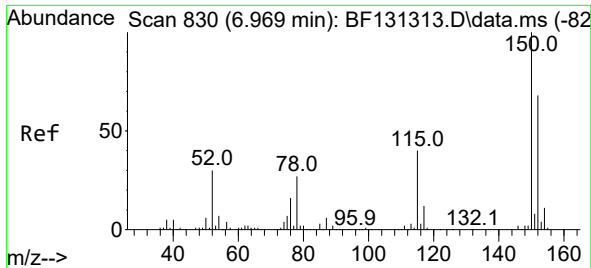
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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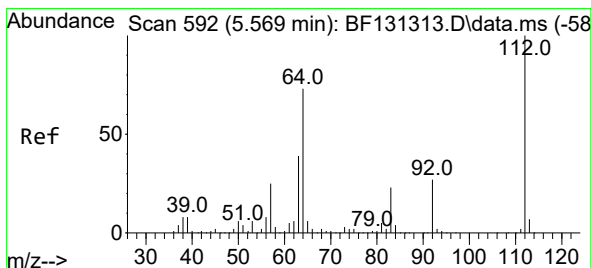
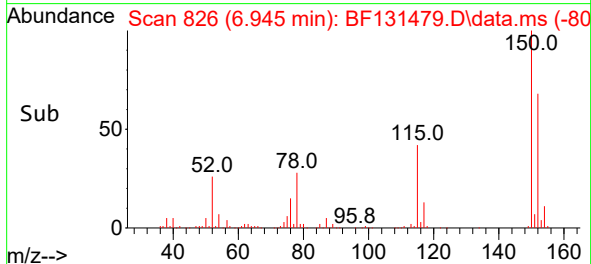
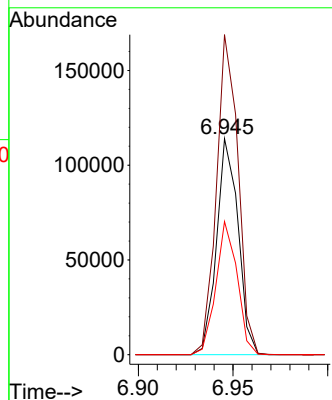
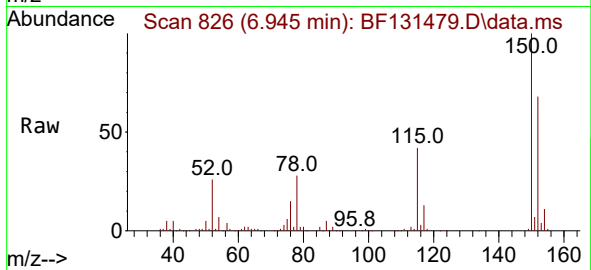




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131479.D
 Acq: 30 Nov 2022 19:26

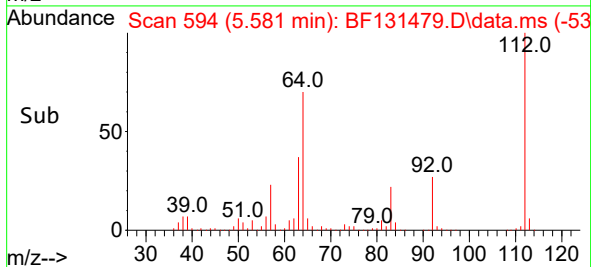
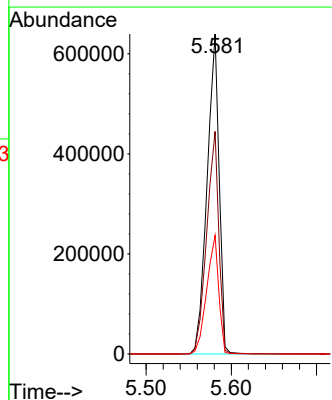
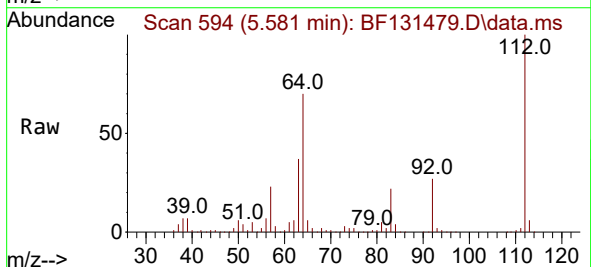
Instrument :
 BNA_F
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 HOWE-DRUM-A-1129

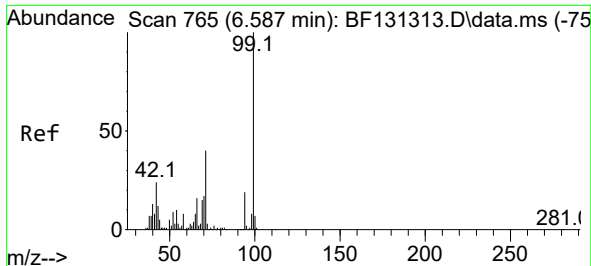
Tgt Ion:152 Resp: 90159
 Ion Ratio Lower Upper
 152 100
 150 148.1 117.8 176.8
 115 61.6 47.1 70.7



#5
 2-Fluorophenol
 Concen: 133.198 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.024 min
 Lab File: BF131479.D
 Acq: 30 Nov 2022 19:26

Tgt Ion:112 Resp: 630983
 Ion Ratio Lower Upper
 112 100
 64 69.6 58.6 88.0
 63 37.1 31.4 47.0

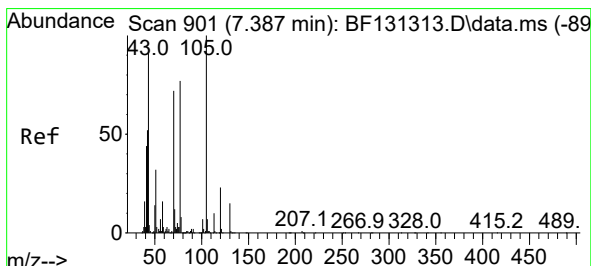
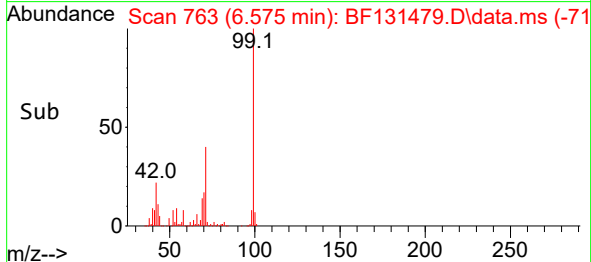
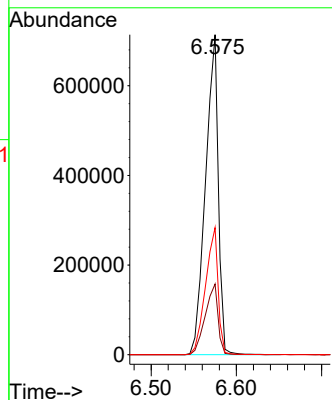
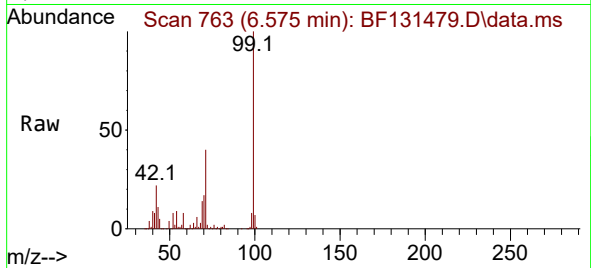




#7
Phenol-d6
Concen: 122.770 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

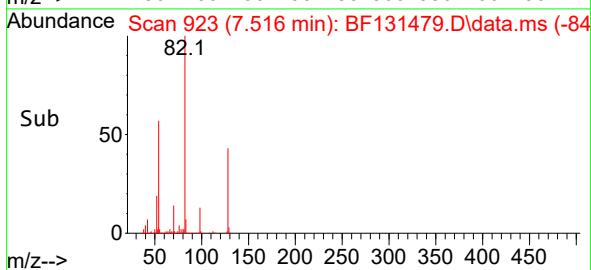
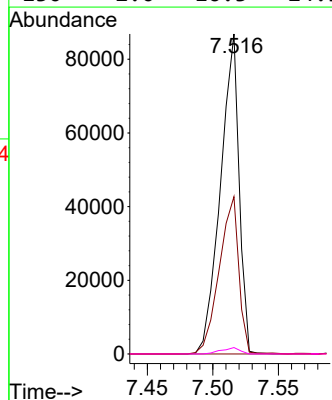
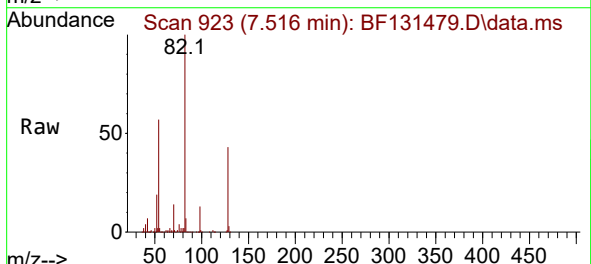
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-A-1129

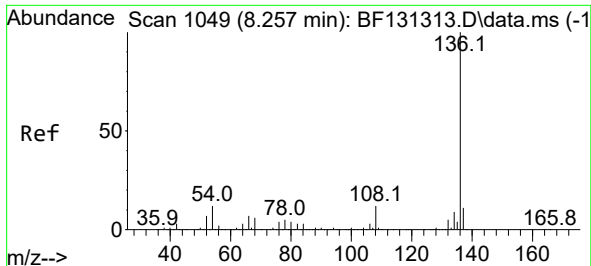
Tgt Ion: 99 Resp: 742034
Ion Ratio Lower Upper
99 100
42 22.1 19.4 29.2
71 39.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.373 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.153 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

Tgt Ion: 70 Resp: 85718
Ion Ratio Lower Upper
70 100
42 49.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

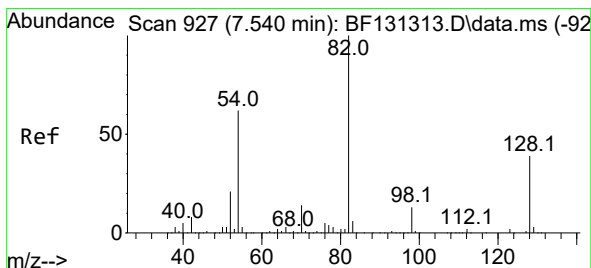
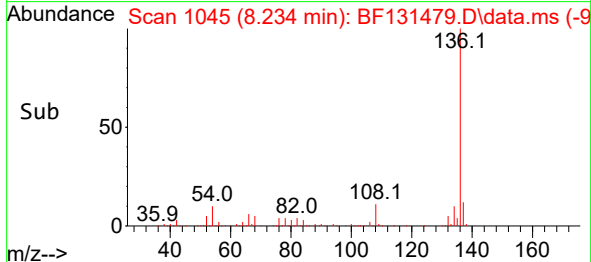
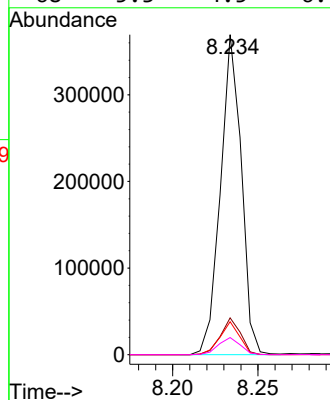
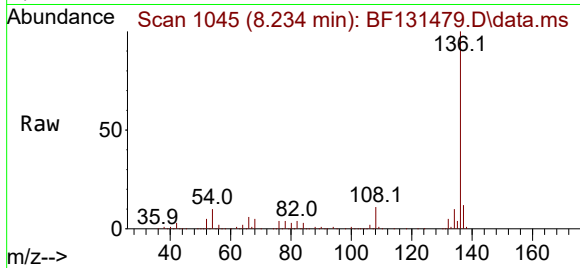




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

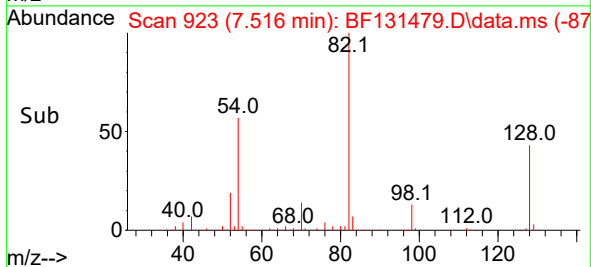
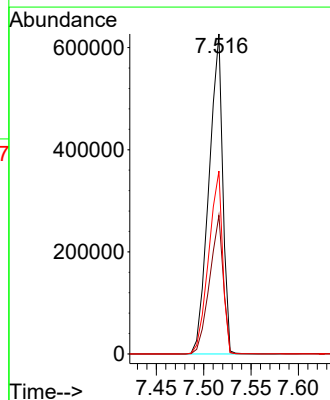
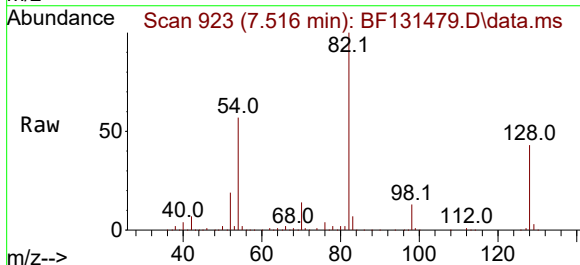
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-A-1129

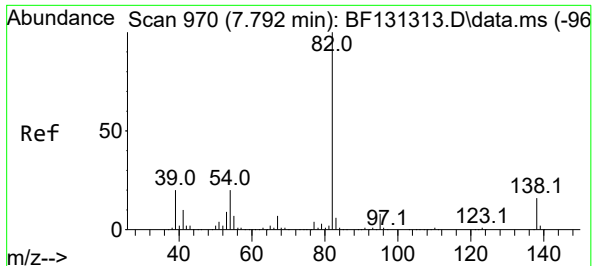
Tgt Ion:136 Resp: 314641
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.3 9.4 14.0
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 101.391 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.000 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

Tgt Ion: 82 Resp: 632863
Ion Ratio Lower Upper
82 100
128 43.3 31.4 47.0
54 57.2 49.8 74.6

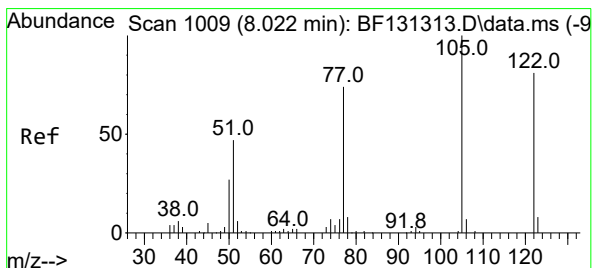
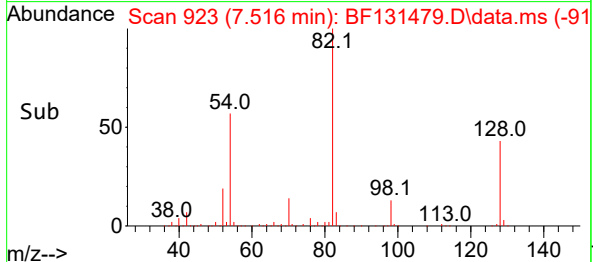
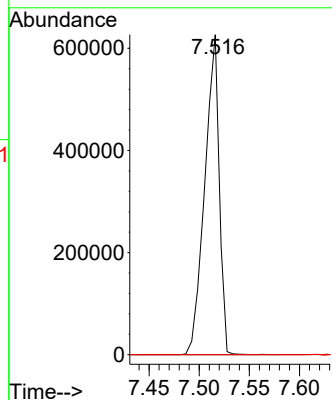
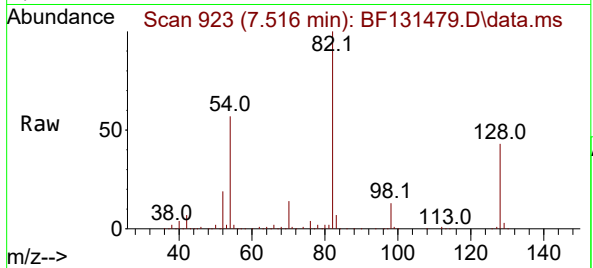




#25
Isophorone
Concen: 56.830 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

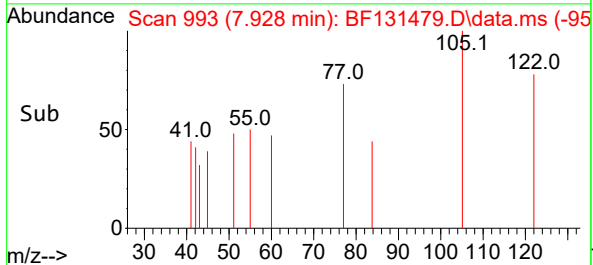
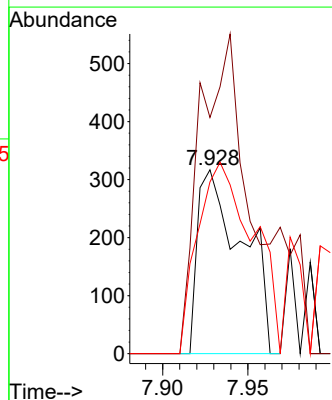
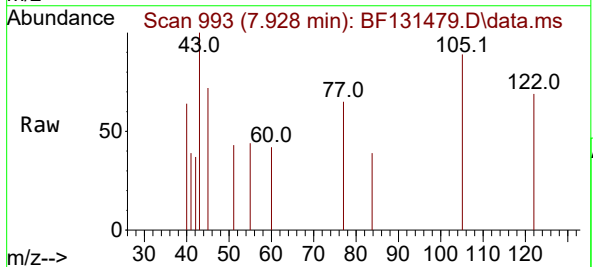
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-A-1129

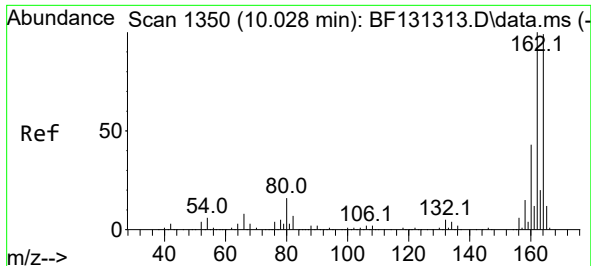
Tgt Ion: 82 Resp: 632857
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.380 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.071 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

Tgt Ion: 122 Resp: 577
Ion Ratio Lower Upper
122 100
105 128.4 103.8 143.8
77 93.4 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131479.D

Acq: 30 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

HOWE-DRUM-A-1129

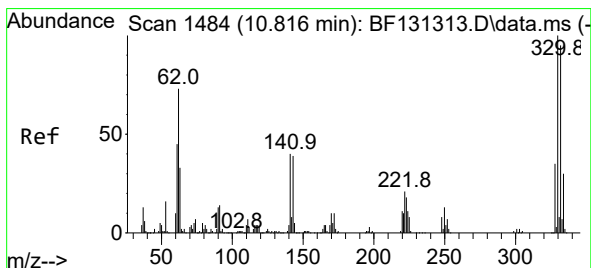
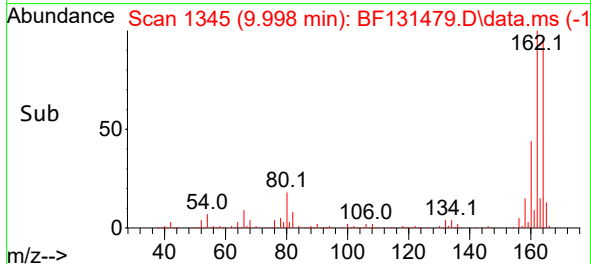
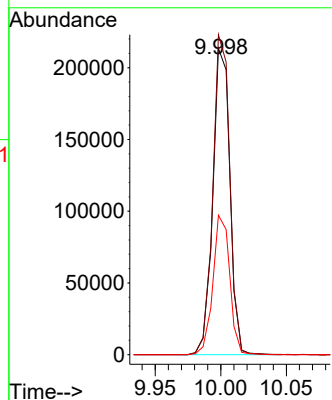
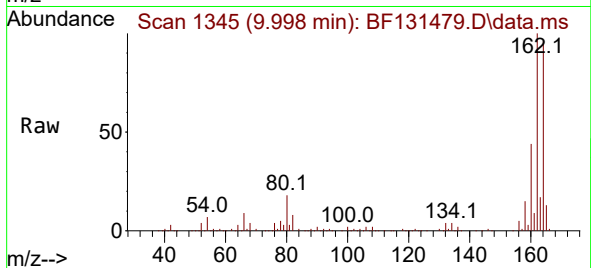
Tgt Ion:164 Resp: 192989

Ion Ratio Lower Upper

164 100

162 104.4 80.6 120.8

160 45.5 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 168.852 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BF131479.D

Acq: 30 Nov 2022 19:26

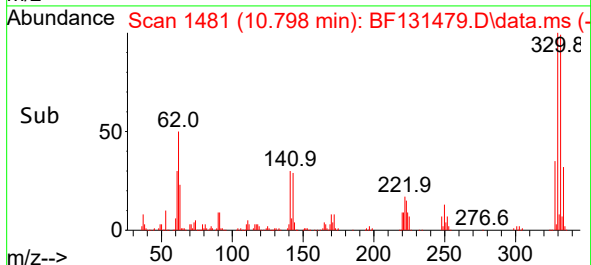
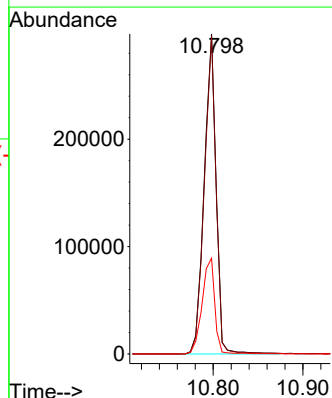
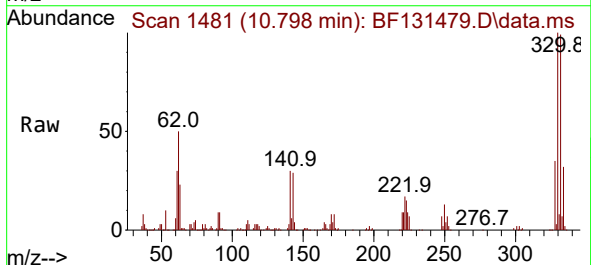
Tgt Ion:330 Resp: 274154

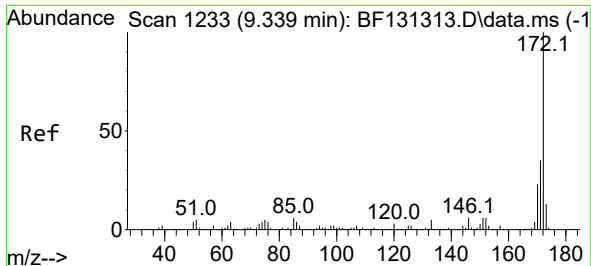
Ion Ratio Lower Upper

330 100

332 98.3 77.5 116.3

141 32.0 29.3 43.9

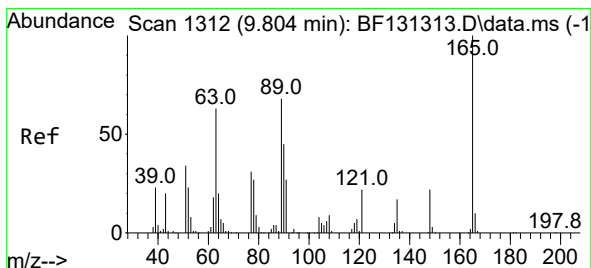
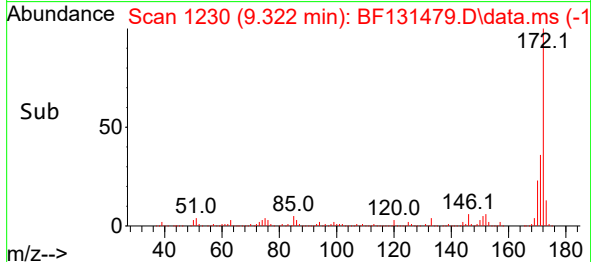
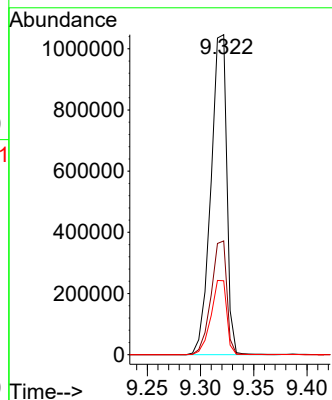
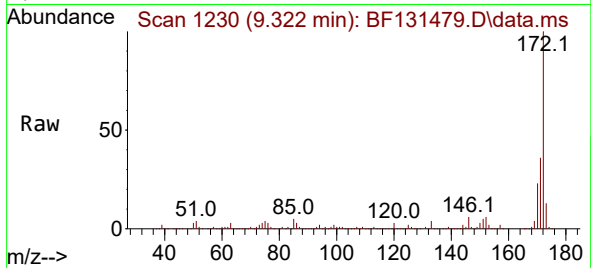




#45
2-Fluorobiphenyl
Concen: 81.773 ng
RT: 9.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

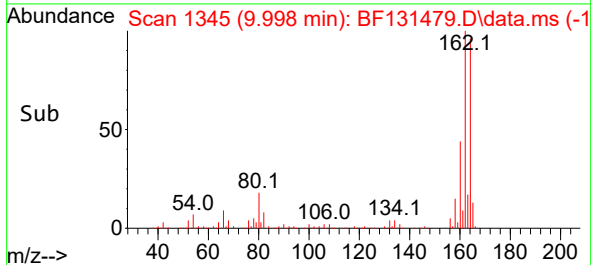
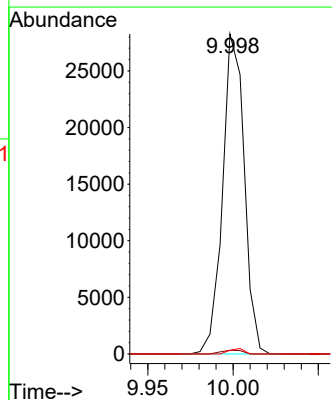
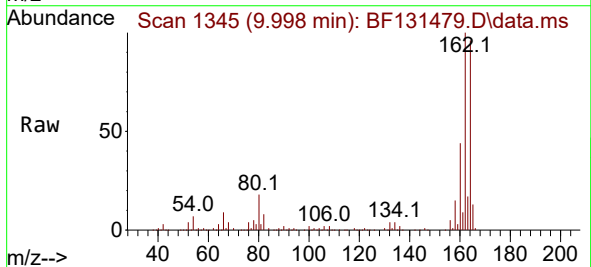
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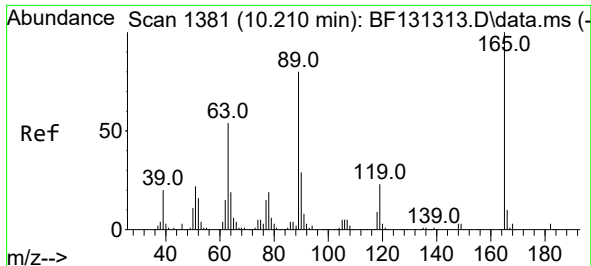
Tgt Ion:172 Resp: 1084757
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.1 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.287 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.212 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

Tgt Ion:165 Resp: 24972
Ion Ratio Lower Upper
165 100
63 1.2 62.0 93.0#
89 1.2 54.4 81.6#

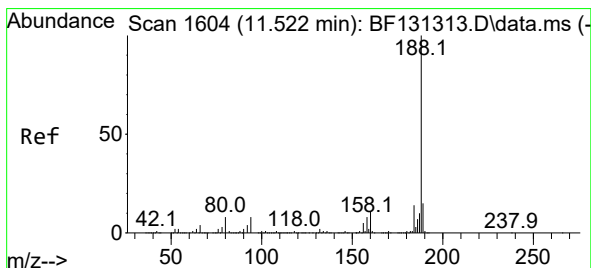
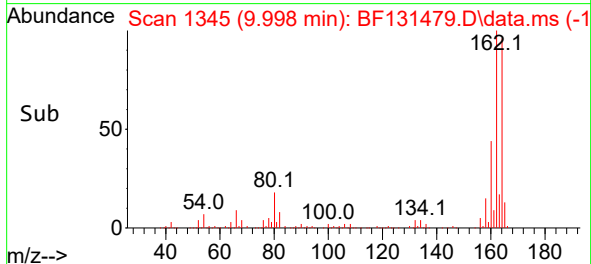
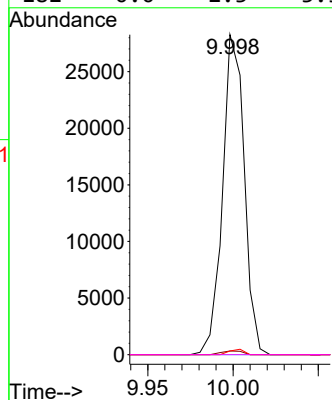
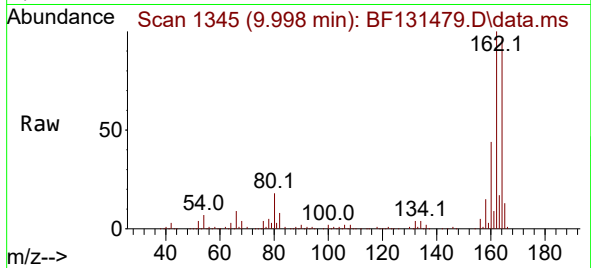




#57
2,4-Dinitrotoluene
Concen: 7.381 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

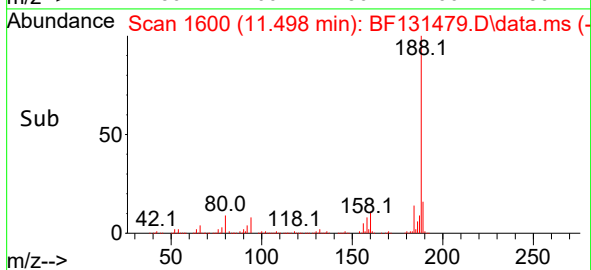
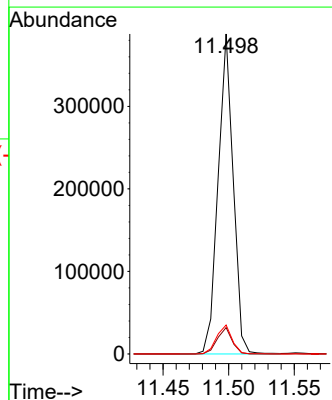
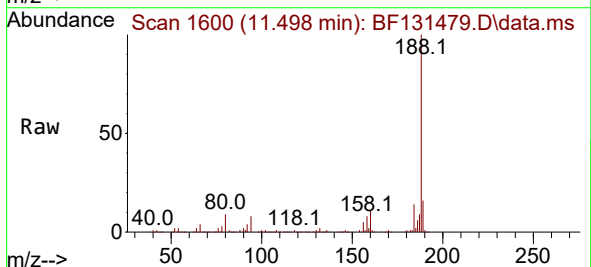
Instrument :
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HOWE-DRUM-A-1129

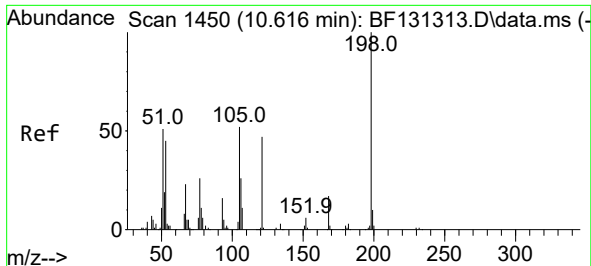
Tgt Ion:165 Resp: 24972
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.2 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

Tgt Ion:188 Resp: 309565
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 9.0 6.8 10.2

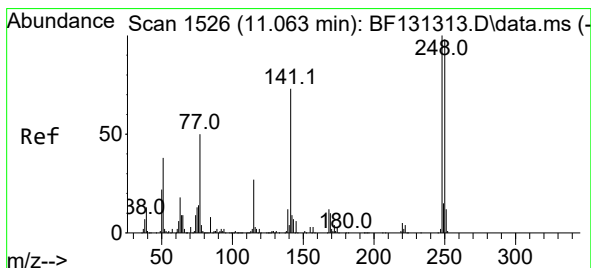
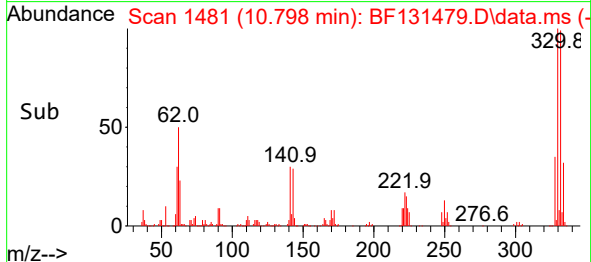
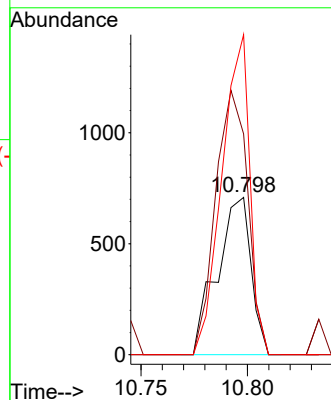
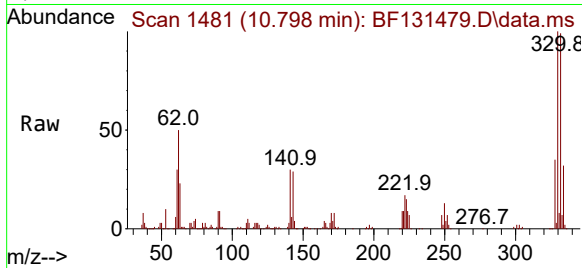




#65
4,6-Dinitro-2-methylphenol
Concen: 5.237 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.200 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

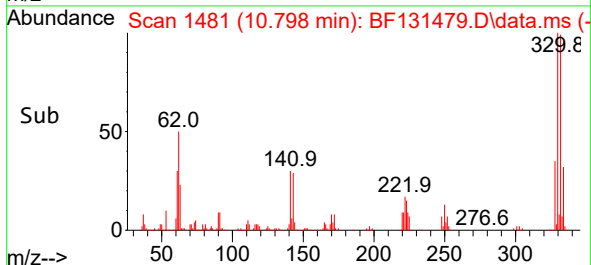
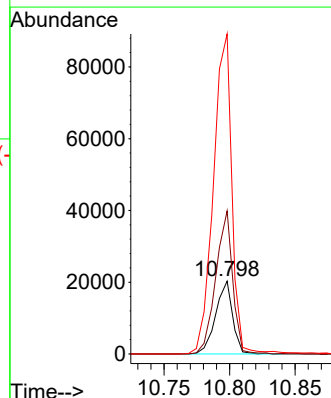
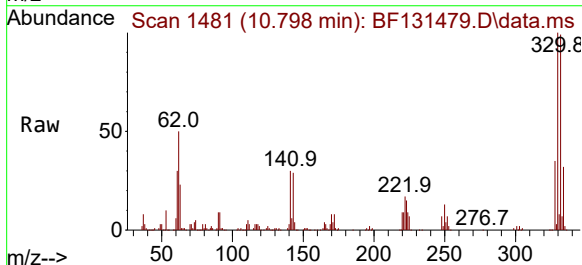
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-A-1129

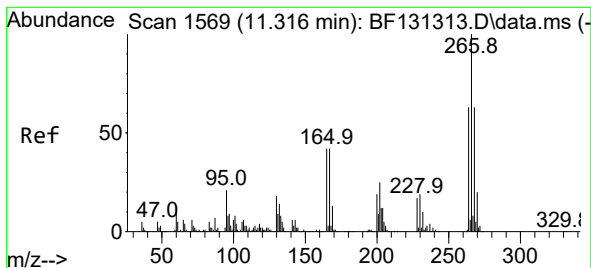
Tgt Ion:198 Resp: 786
Ion Ratio Lower Upper
198 100
51 140.3 50.1 90.1#
105 203.4 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.813 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.241 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

Tgt Ion:248 Resp: 18263
Ion Ratio Lower Upper
248 100
250 196.5 78.3 117.5#
141 439.5 58.0 87.0#





#70

Pentachlorophenol

Concen: 5.126 ng

RT: 11.298 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131479.D

Acq: 30 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

HOWE-DRUM-A-1129

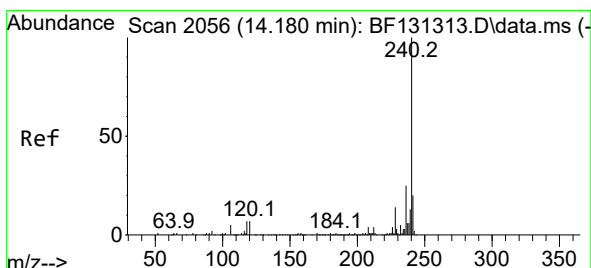
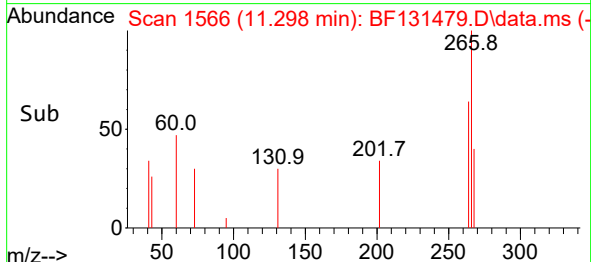
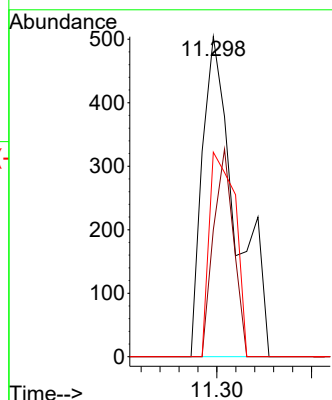
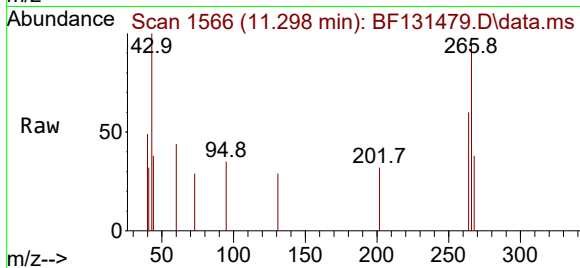
Tgt Ion:266 Resp: 618

Ion Ratio Lower Upper

266 100

268 39.7 50.6 75.8#

264 63.9 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: BF131479.D

Acq: 30 Nov 2022 19:26

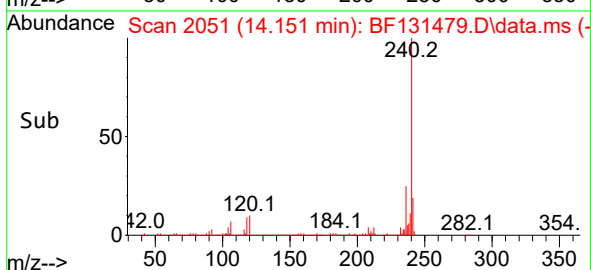
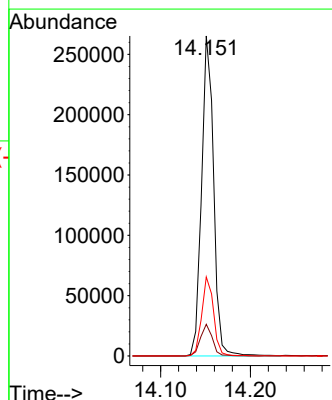
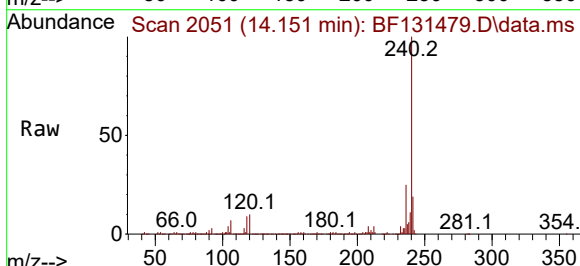
Tgt Ion:240 Resp: 247151

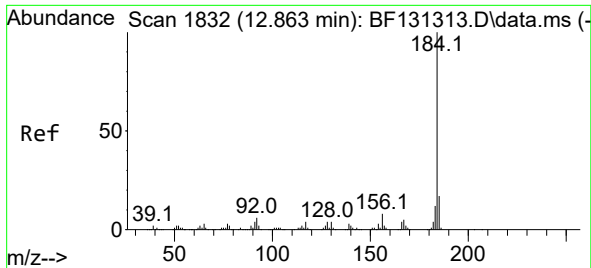
Ion Ratio Lower Upper

240 100

120 9.9 5.8 8.8#

236 24.7 20.3 30.5

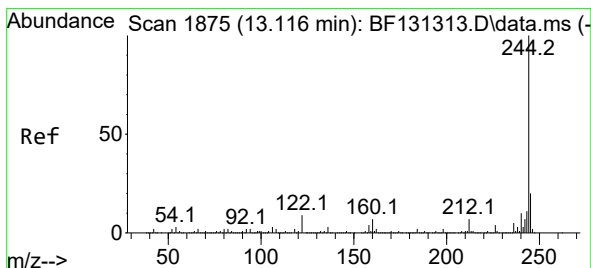
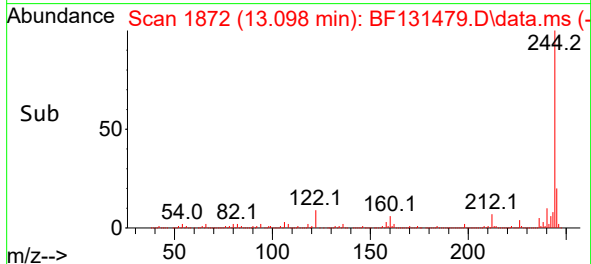
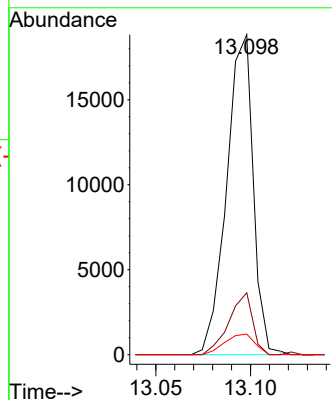
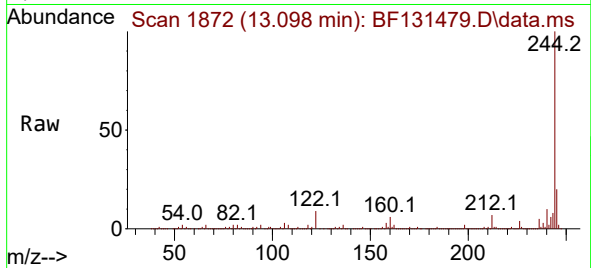




#77
Benzidine
Concen: 4.020 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.253 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

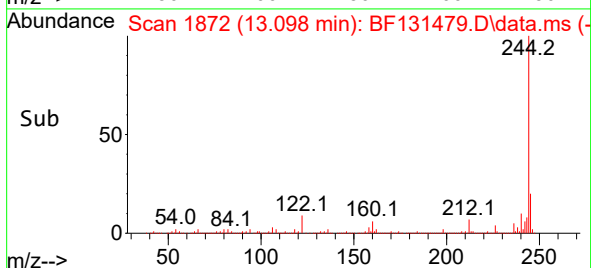
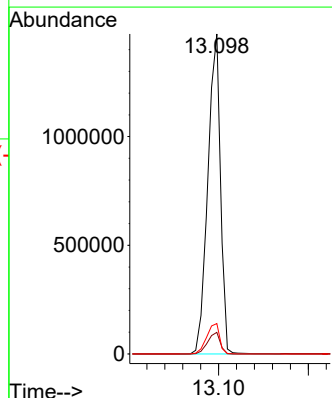
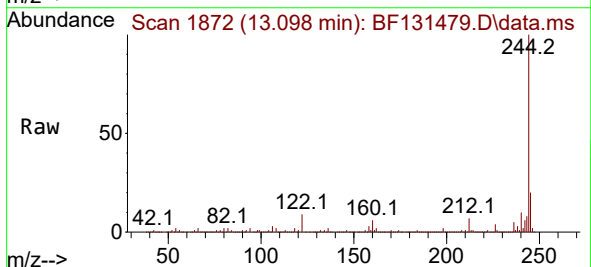
Instrument :
BNA_F
ClientSampleId :
HOWE-DRUM-A-1129

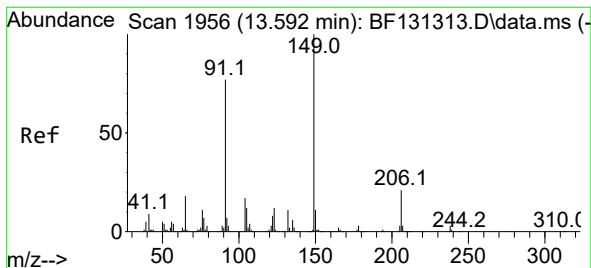
Tgt Ion:184 Resp: 18351
Ion Ratio Lower Upper
184 100
185 19.4 13.8 20.8
183 6.4 9.6 14.4#



#79
Terphenyl-d14
Concen: 95.197 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

Tgt Ion:244 Resp: 1438793
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.5 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.250 ng

RT: 13.569 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BF131479.D

Acq: 30 Nov 2022 19:26

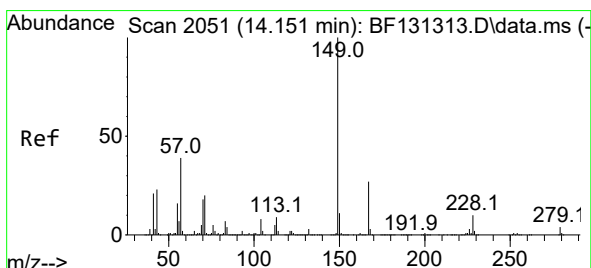
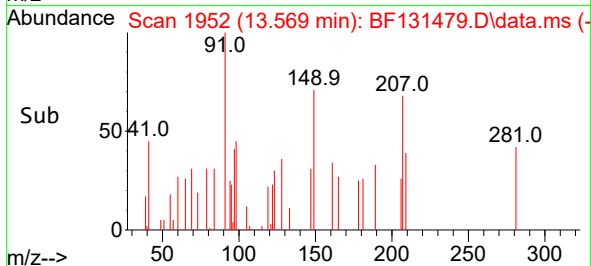
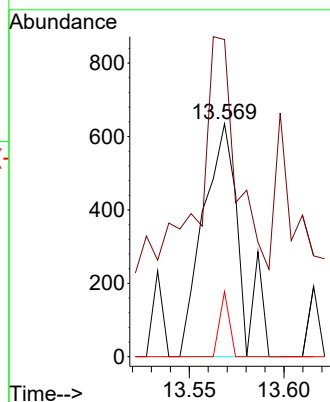
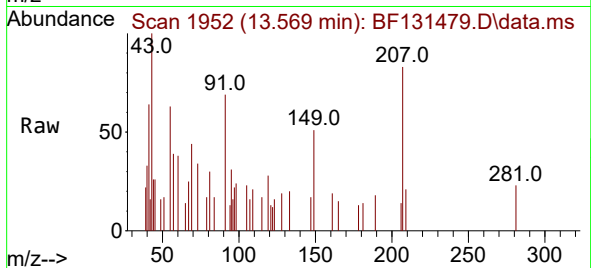
Instrument :

BNA_F

ClientSampleId :

HOWE-DRUM-A-1129

Tgt Ion:	149	Resp:	857
Ion	Ratio	Lower	Upper
149	100		
91	136.1	61.9	92.9#
206	28.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.876 ng

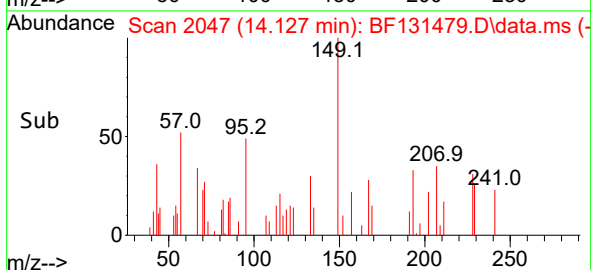
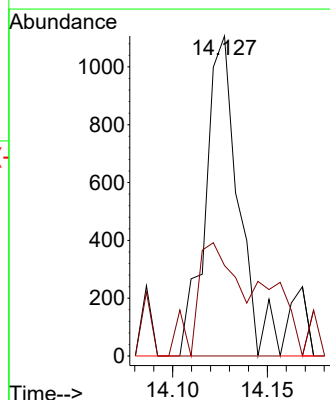
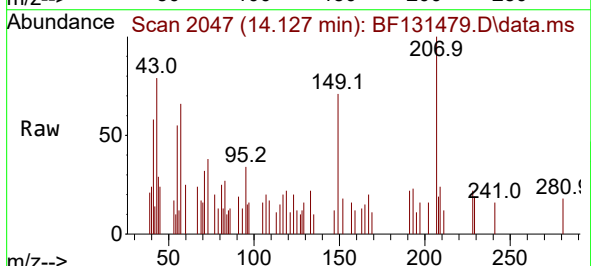
RT: 14.127 min Scan# 2047

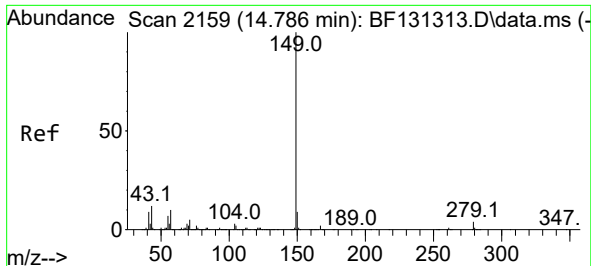
Delta R.T. 0.000 min

Lab File: BF131479.D

Acq: 30 Nov 2022 19:26

Tgt Ion:	149	Resp:	1347
Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.9	32.9
279	0.0	3.0	4.4#

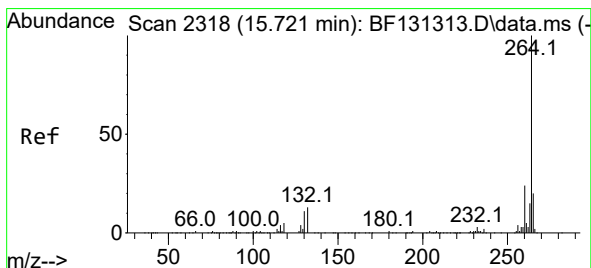
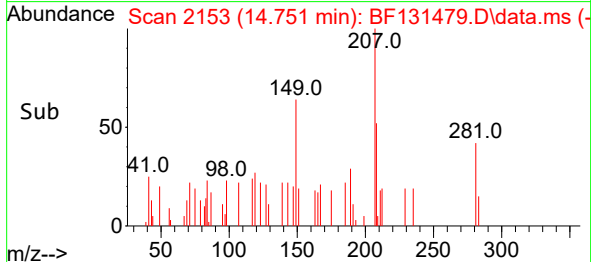
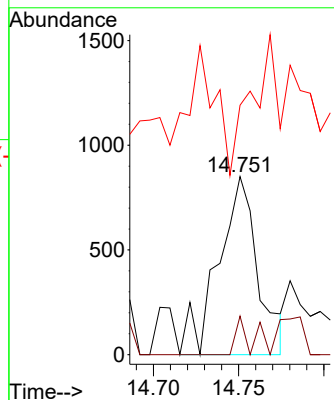
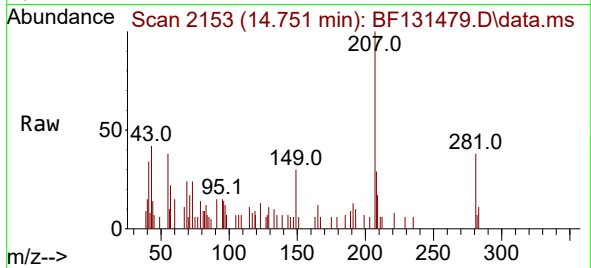




#85
Di-n-octyl phthalate
Concen: 4.015 ng
RT: 14.751 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131479.D
Acq: 30 Nov 2022 19:26

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

Tgt Ion:149 Resp: 1376
Ion Ratio Lower Upper
149 100
167 4.7 1.2 1.8#
43 0.0 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: BF131479.D
Acq: 30 Nov 2022 19:26

Tgt Ion:264 Resp: 220033
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.2 16.4 24.6

