

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131273.D
 Acq On : 16 Nov 2022 19:20
 Operator : CG\JU
 Sample : N5564-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4C(OW)RE

Quant Time: Nov 16 22:17:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

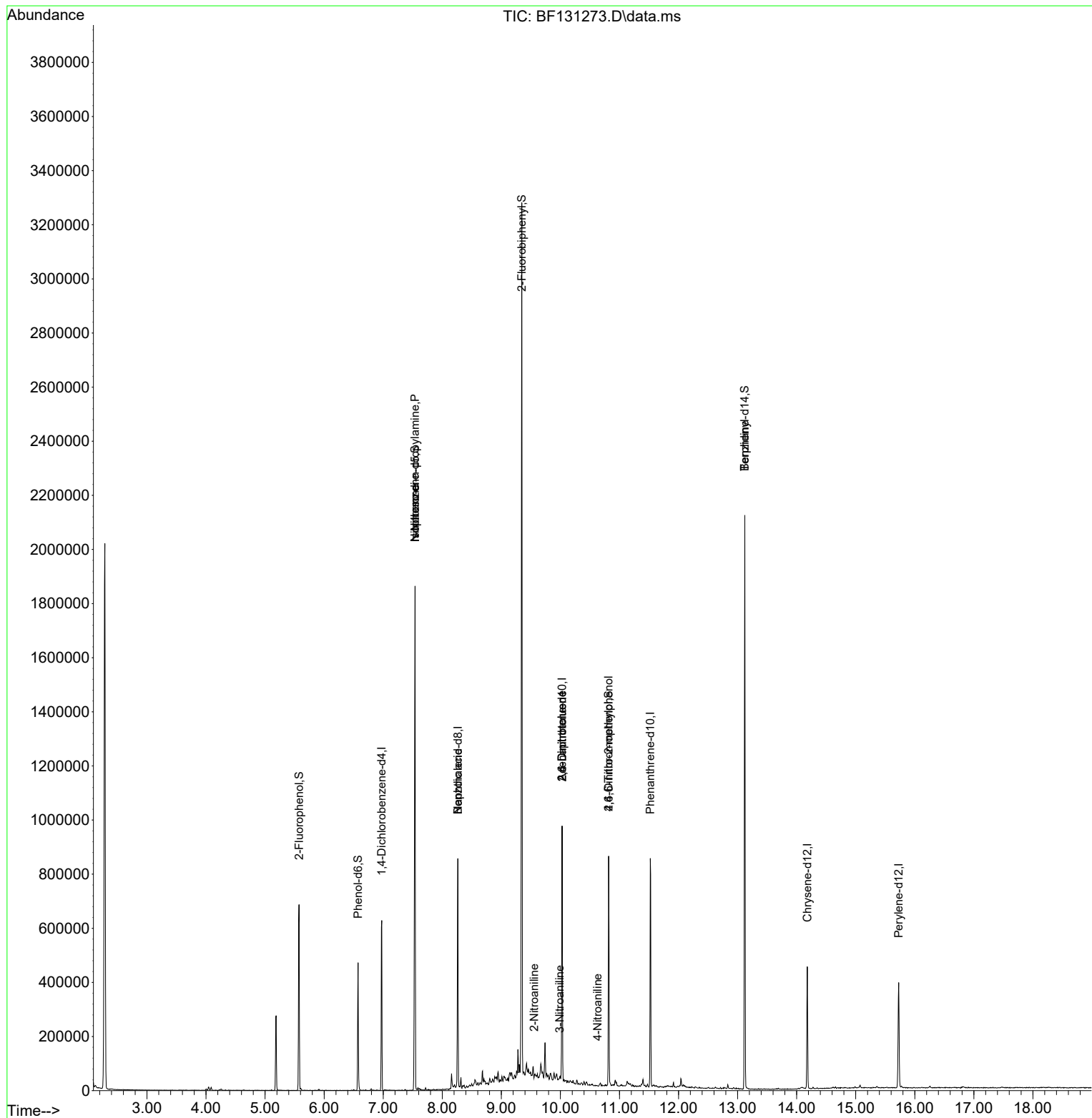
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	86899	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	319734	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	177148	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	309065	20.000	ng	0.00
76) Chrysene-d12	14.180	240	147513	20.000	ng	0.00
86) Perylene-d12	15.727	264	184700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	154010	31.383	ng	0.00
7) Phenol-d6	6.575	99	118138	19.007	ng	-0.02
23) Nitrobenzene-d5	7.540	82	557186	97.815	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	83881	49.571	ng	-0.01
45) 2-Fluorobiphenyl	9.345	172	965188	79.733	ng	0.00
79) Terphenyl-d14	13.122	244	690093	80.337	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.540	70	78899	18.217	ng	# 75
25) Isophorone	7.540	82	556623	48.912	ng	# 67
32) Benzoic acid	8.263	122	72	6.185	ng	# 1
48) 2-Nitroaniline	9.557	65	97	4.083	ng	# 88
51) 2,6-Dinitrotoluene	10.028	165	24232	12.106	ng	# 23
53) 3-Nitroaniline	9.986	138	236	2.810	ng	# 1
57) 2,4-Dinitrotoluene	10.028	165	24232	11.389	ng	# 17
62) 4-Nitroaniline	10.628	138	53	2.881	ng	# 45
65) 4,6-Dinitro-2-methylph...	10.816	198	114	8.085	ng	# 1
77) Benzidine	13.122	184	9610	3.040	ng	# 92

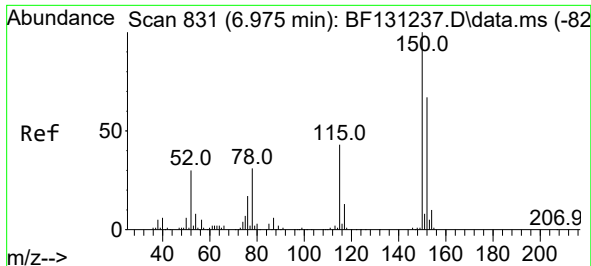
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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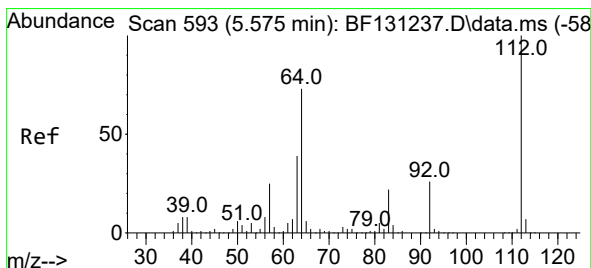
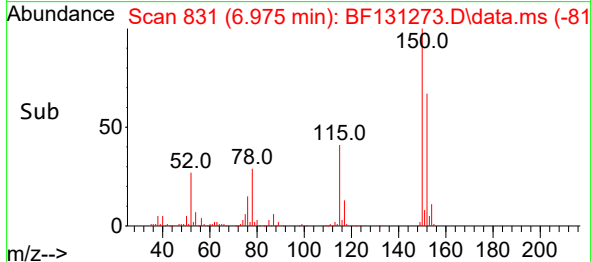
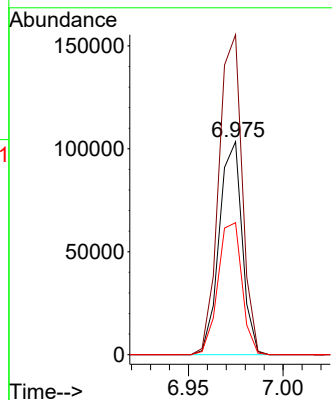
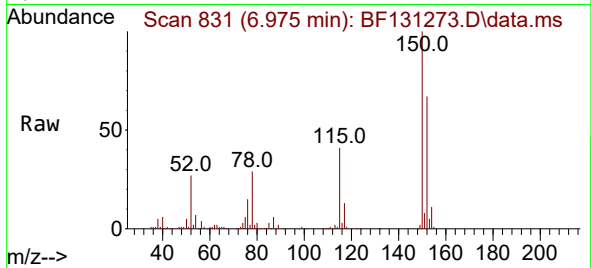




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

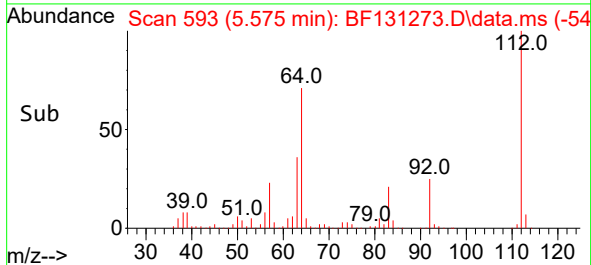
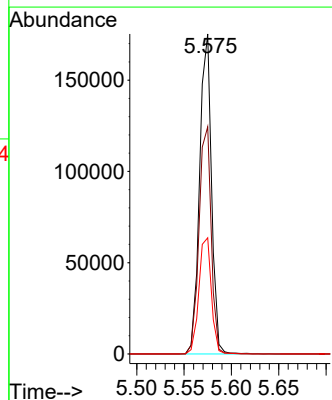
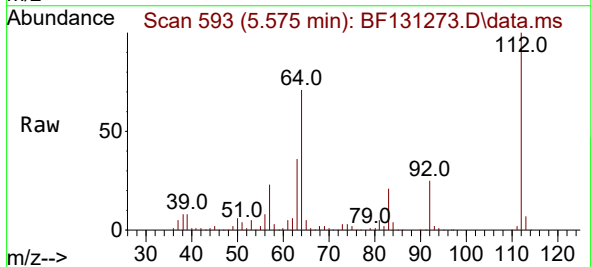
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)RE

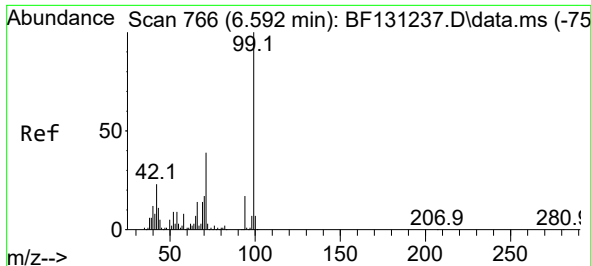
Tgt Ion:152 Resp: 86899
Ion Ratio Lower Upper
152 100
150 150.3 120.2 180.4
115 62.0 51.8 77.8



#5
2-Fluorophenol
Concen: 31.383 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.000 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Tgt Ion:112 Resp: 154010
Ion Ratio Lower Upper
112 100
64 71.0 58.4 87.6
63 36.3 31.6 47.4

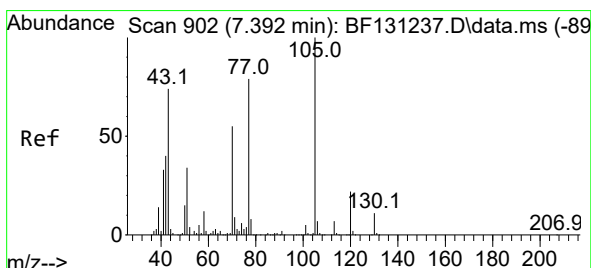
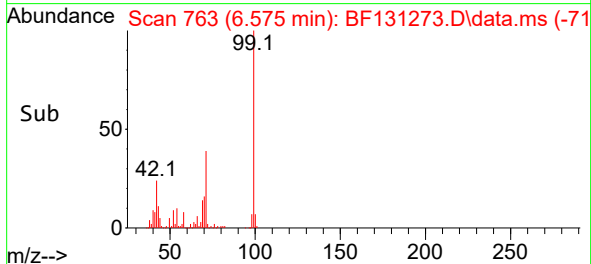
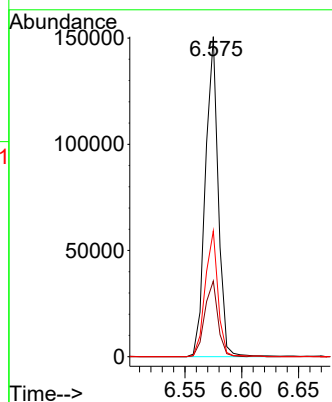
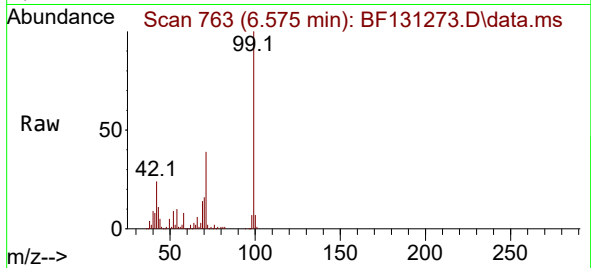




#7
Phenol-d6
Concen: 19.007 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

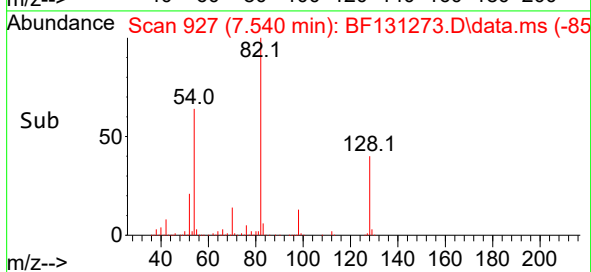
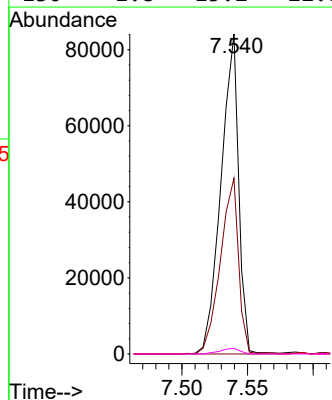
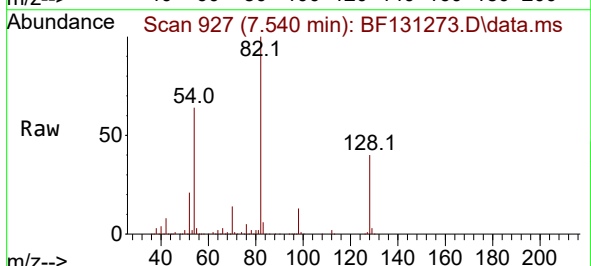
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)RE

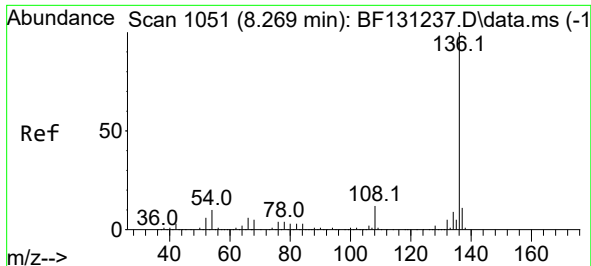
Tgt Ion: 99 Resp: 118138
Ion Ratio Lower Upper
99 100
42 23.7 18.6 28.0
71 39.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.217 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Tgt Ion: 70 Resp: 78899
Ion Ratio Lower Upper
70 100
42 54.9 58.3 87.5#
101 0.0 7.2 10.8#
130 1.8 15.2 22.8#



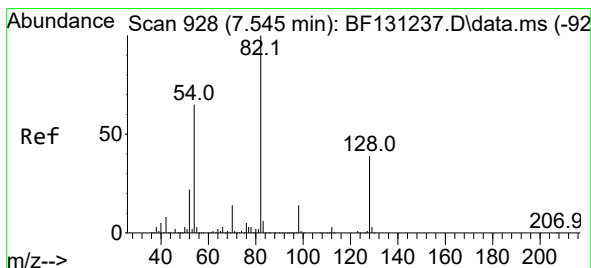
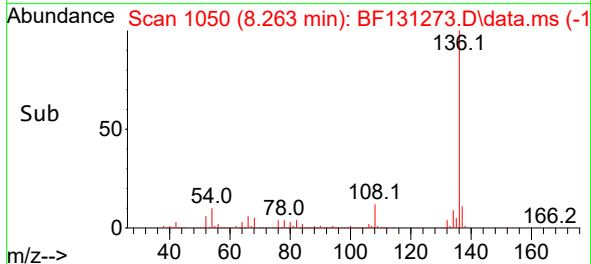
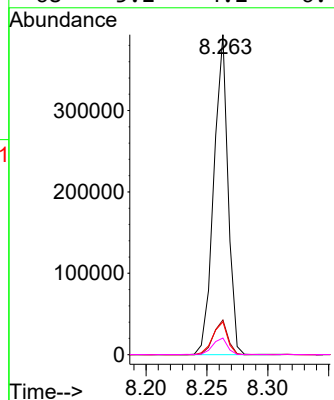
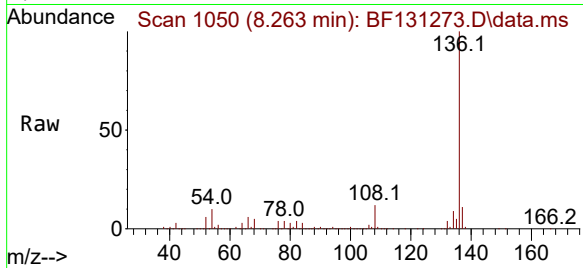


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Instrument :
BNA_F
ClientSampleId :
B-4C(OW)RE

Tgt Ion:136 Resp: 319734

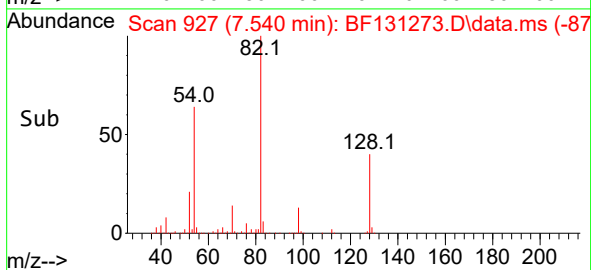
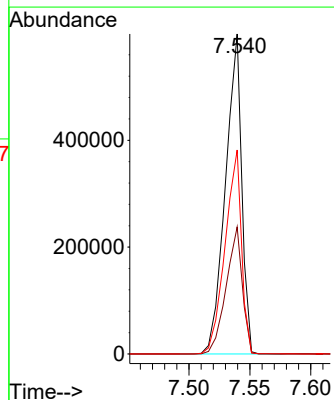
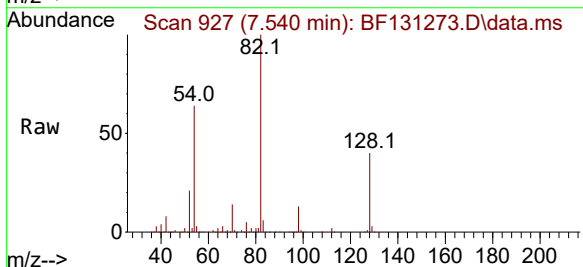
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.3	7.8	11.8
68	5.2	4.2	6.4

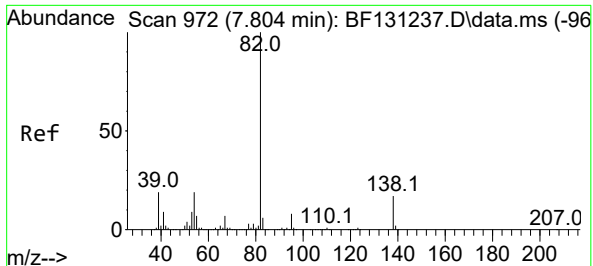


#23
Nitrobenzene-d5
Concen: 97.815 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.005 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Tgt Ion: 82 Resp: 557186

Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.1	46.7
54	63.8	51.8	77.6

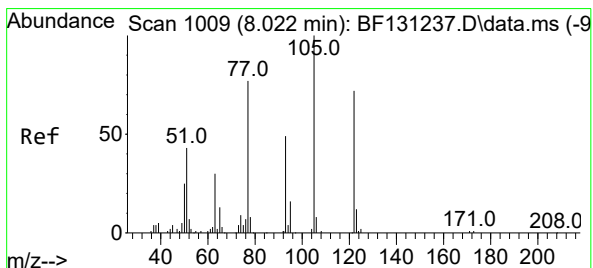
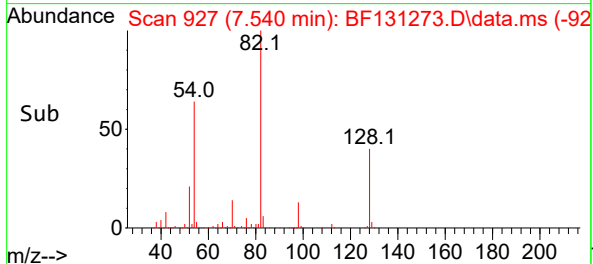
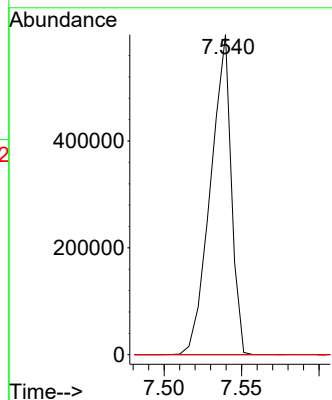
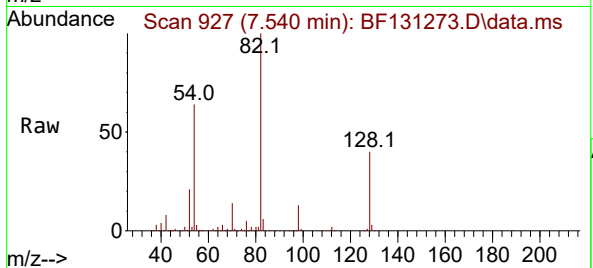




#25
Isophorone
Concen: 48.912 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

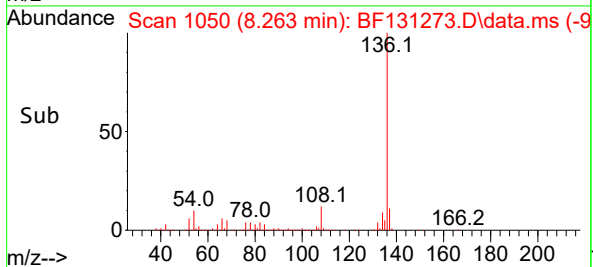
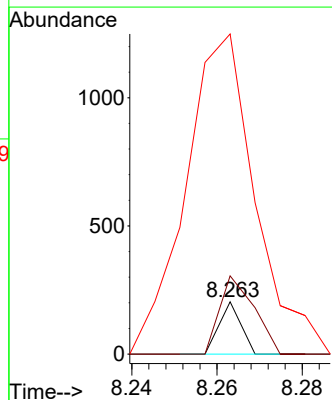
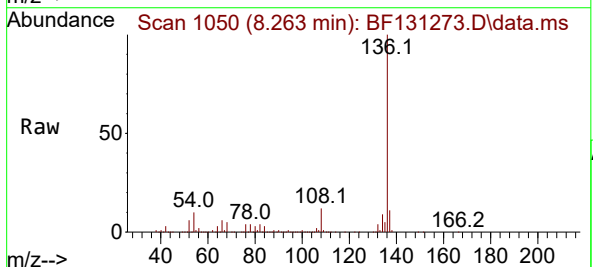
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)RE

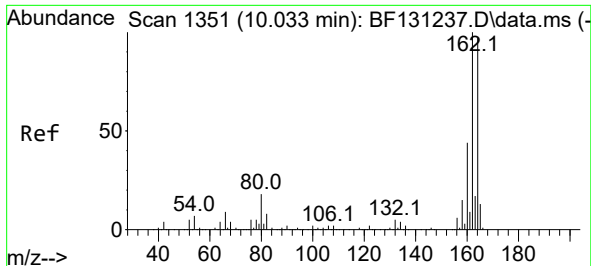
Tgt Ion: 82 Resp: 556623
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 6.185 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.241 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 149.5 116.9 156.9
77 612.3 86.9 126.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF131273.D

Acq: 16 Nov 2022 19:20

Instrument :

BNA_F

ClientSampleId :

B-4C(OW)RE

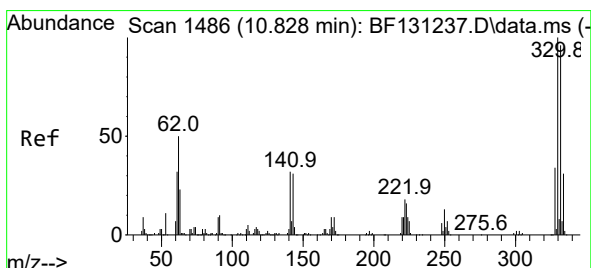
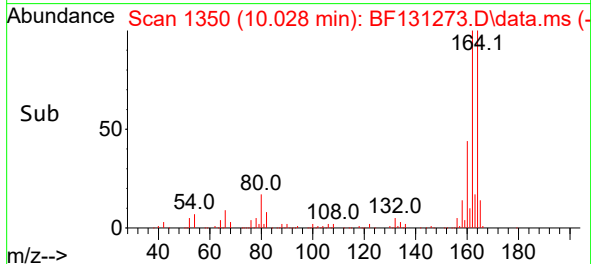
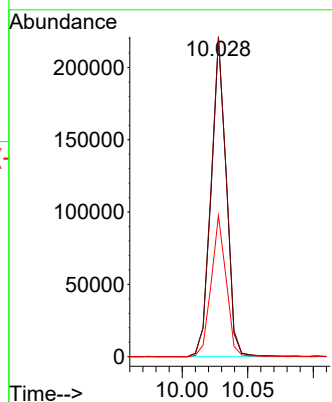
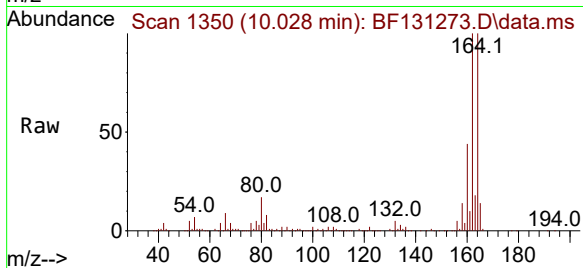
Tgt Ion:164 Resp: 177148

Ion Ratio Lower Upper

164 100

162 100.3 82.1 123.1

160 44.2 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 49.571 ng

RT: 10.816 min Scan# 1484

Delta R.T. -0.012 min

Lab File: BF131273.D

Acq: 16 Nov 2022 19:20

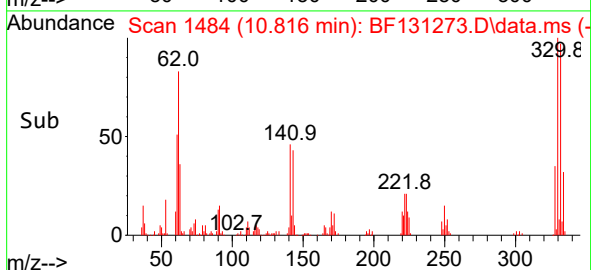
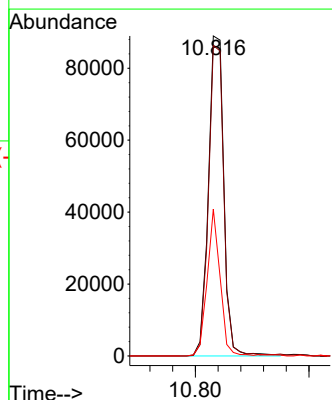
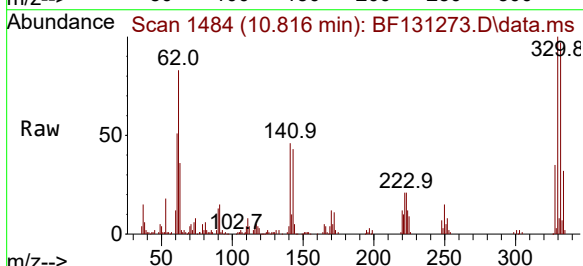
Tgt Ion:330 Resp: 83881

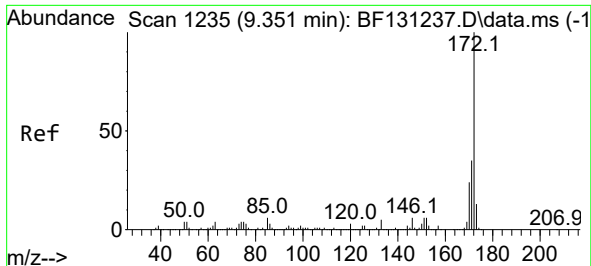
Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 38.3 29.6 44.4

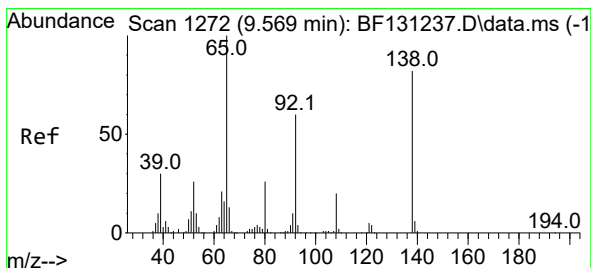
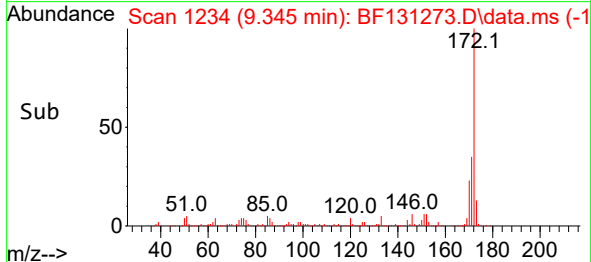
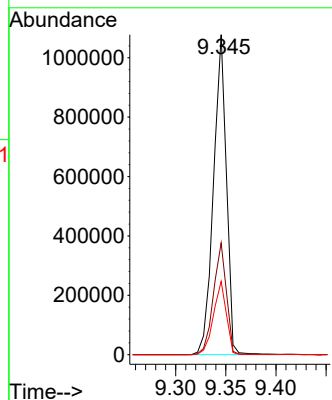
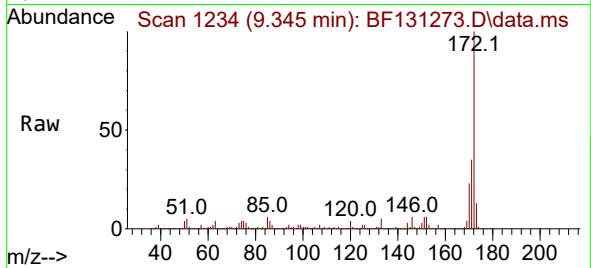




#45
2-Fluorobiphenyl
Concen: 79.733 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

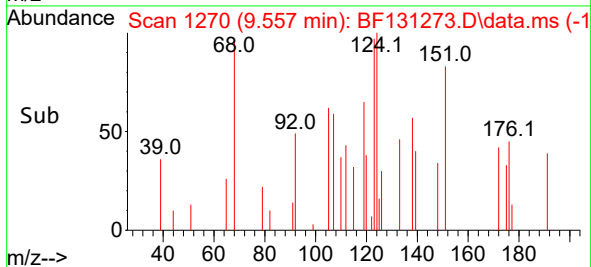
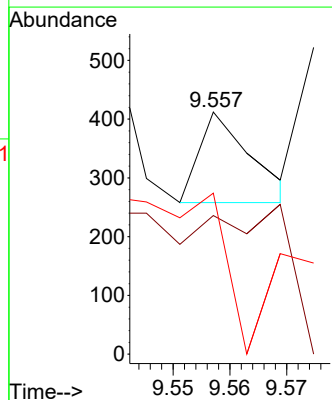
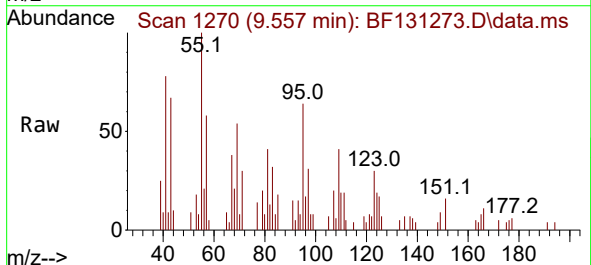
Instrument :
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B-4C(OW)RE

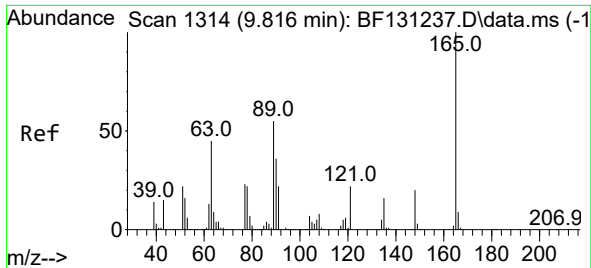
Tgt Ion:172 Resp: 965188
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 22.9 18.8 28.2



#48
2-Nitroaniline
Concen: 4.083 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Tgt Ion: 65 Resp: 97
Ion Ratio Lower Upper
65 100
92 57.3 48.2 72.2
138 66.5 65.8 98.8

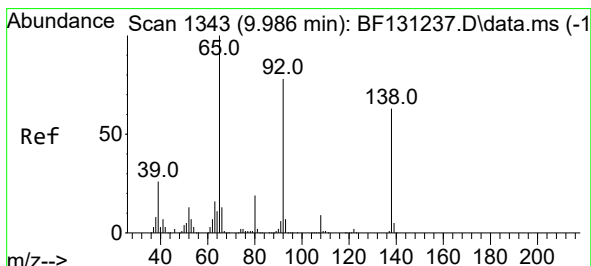
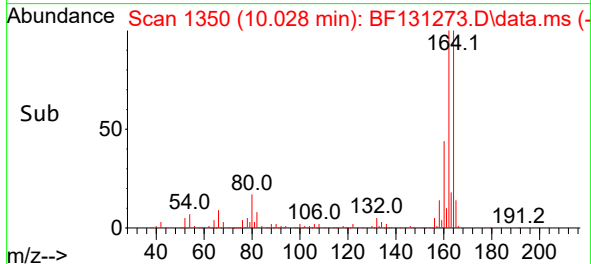
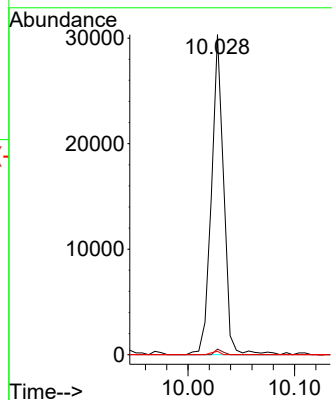
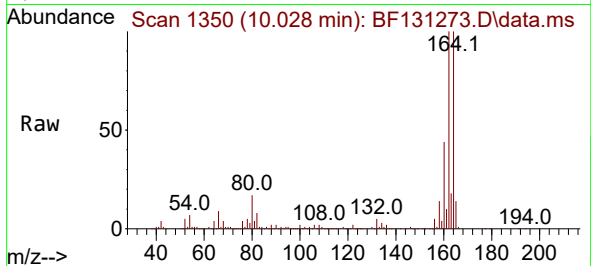




#51
2,6-Dinitrotoluene
Concen: 12.106 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

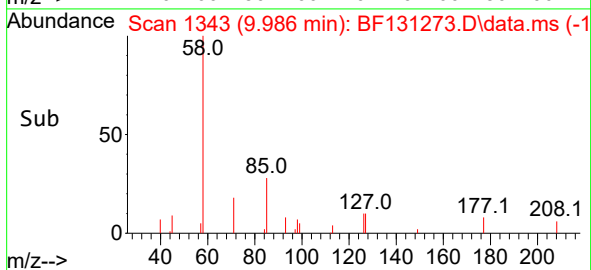
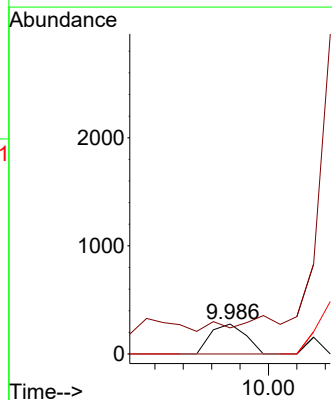
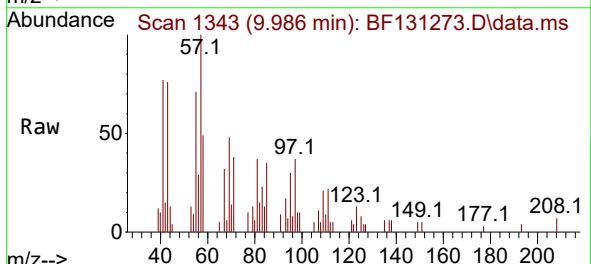
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)RE

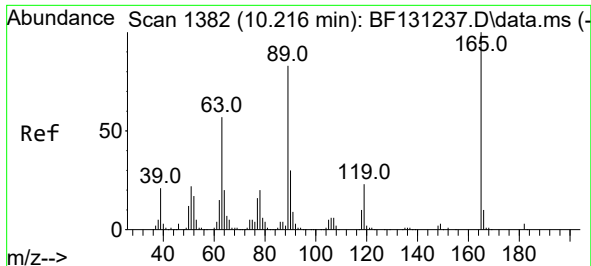
Tgt Ion:165 Resp: 24232
Ion Ratio Lower Upper
165 100
63 1.7 49.8 74.6#
89 1.0 44.5 66.7#



#53
3-Nitroaniline
Concen: 2.810 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Tgt Ion:138 Resp: 236
Ion Ratio Lower Upper
138 100
108 87.0 11.4 17.2#
92 0.0 98.6 148.0#

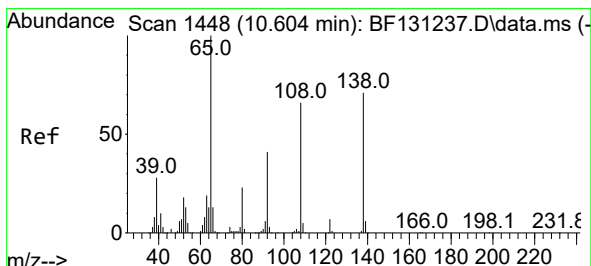
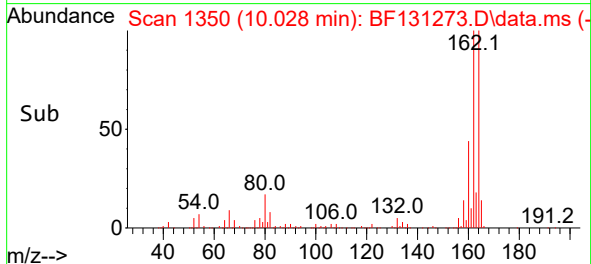
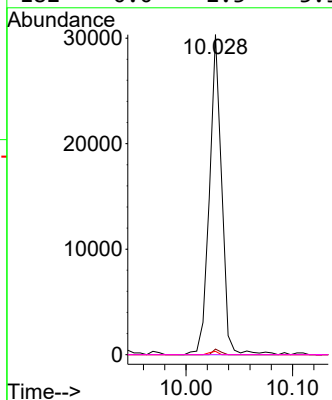
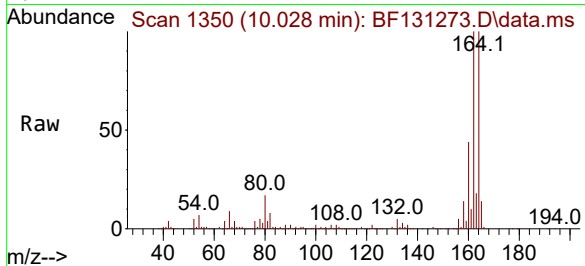




#57
2,4-Dinitrotoluene
Concen: 11.389 ng
RT: 10.028 min Scan# 1452
Delta R.T. -0.188 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

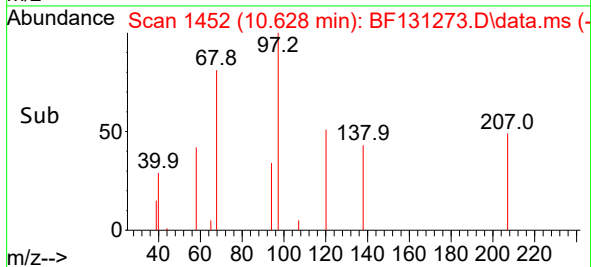
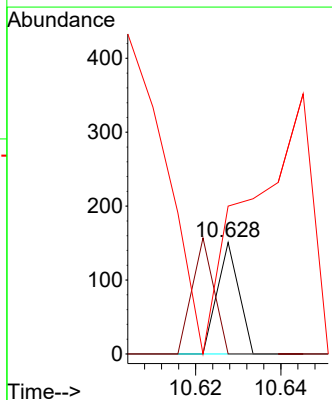
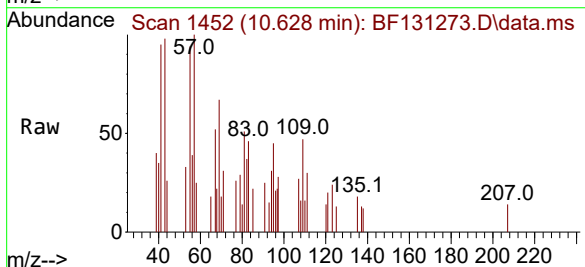
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)RE

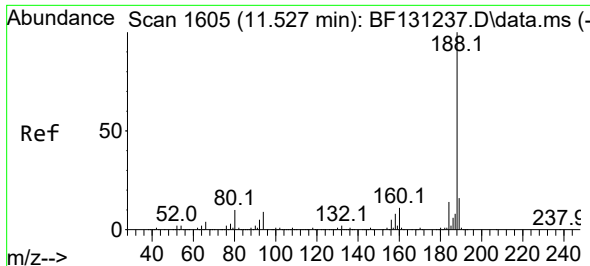
Tgt Ion:165 Resp: 24232
Ion Ratio Lower Upper
165 100
63 1.7 46.0 69.0#
89 1.0 66.2 99.4#
182 0.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.881 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.024 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 0.0 37.6 77.6#
108 132.5 73.2 113.2#

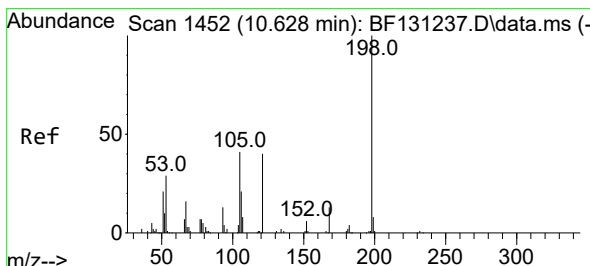
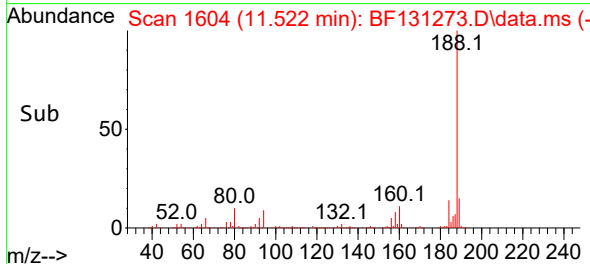
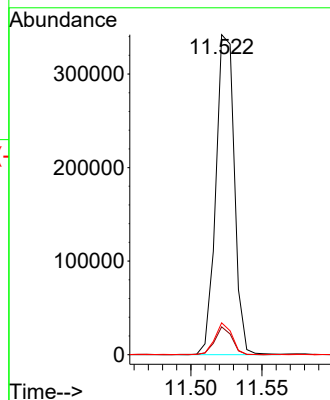
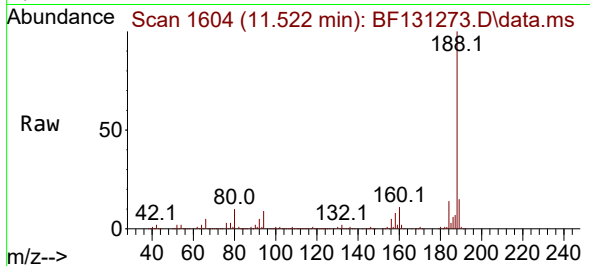




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

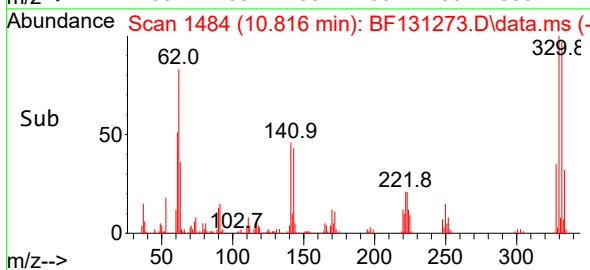
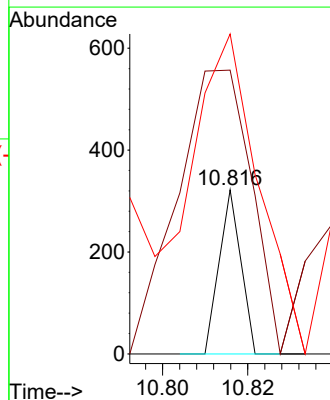
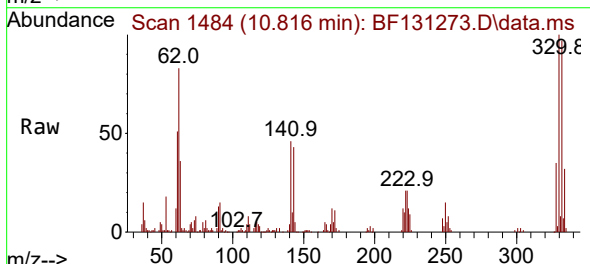
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)RE

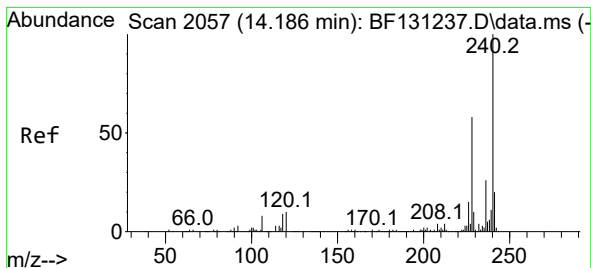
Tgt Ion:188 Resp: 309065
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 10.0 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.085 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.188 min
Lab File: BF131273.D
Acq: 16 Nov 2022 19:20

Tgt Ion:198 Resp: 114
Ion Ratio Lower Upper
198 100
51 173.0 29.4 69.4#
105 195.0 22.2 62.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BF131273.D

Acq: 16 Nov 2022 19:20

Instrument :

BNA_F

ClientSampleId :

B-4C(OW)RE

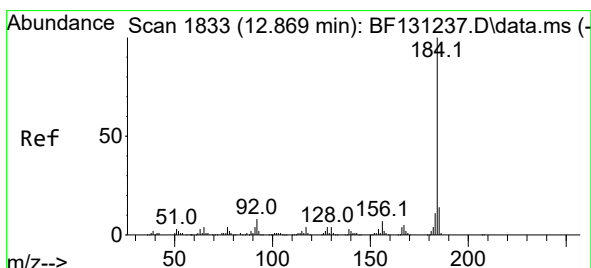
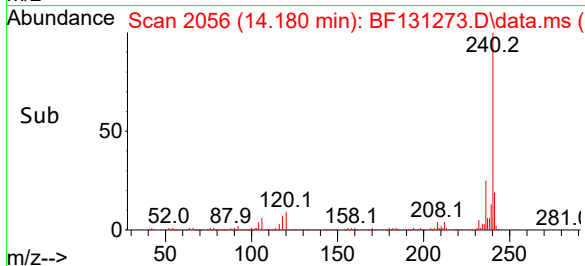
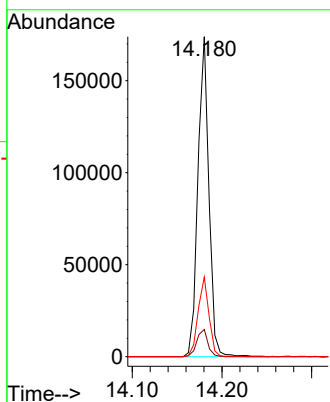
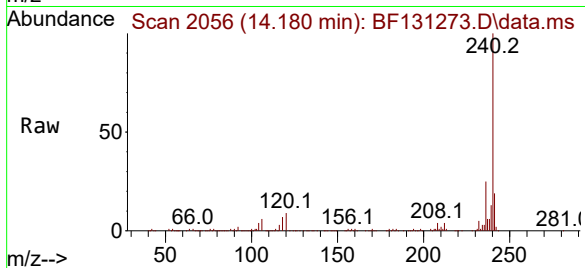
Tgt Ion:240 Resp: 147513

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

236 24.9 20.6 31.0



#77

Benidine

Concen: 3.040 ng

RT: 13.122 min Scan# 1876

Delta R.T. 0.253 min

Lab File: BF131273.D

Acq: 16 Nov 2022 19:20

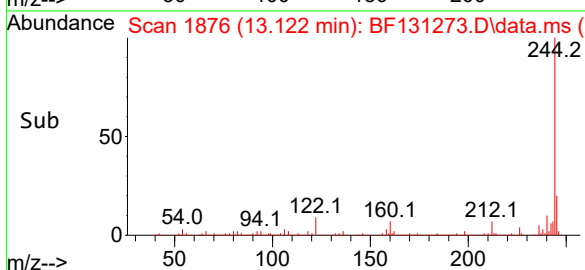
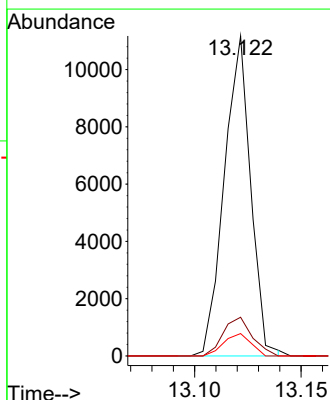
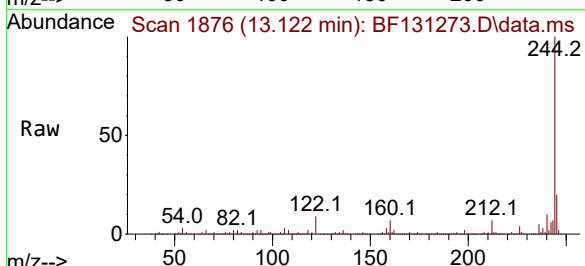
Tgt Ion:184 Resp: 9610

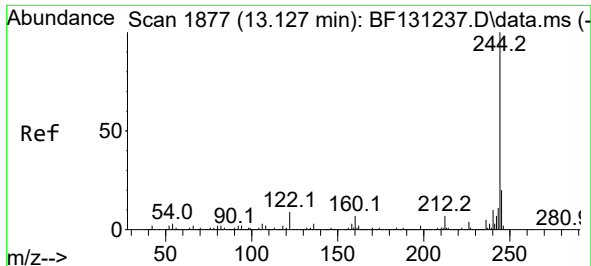
Ion Ratio Lower Upper

184 100

185 12.1 11.4 17.2

183 7.0 9.0 13.4#

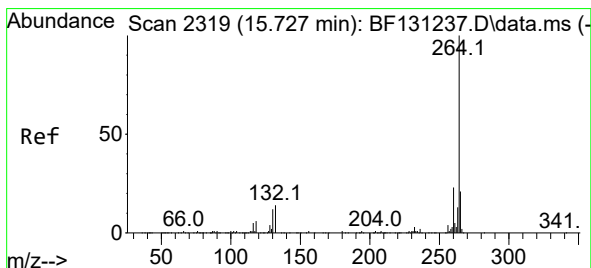
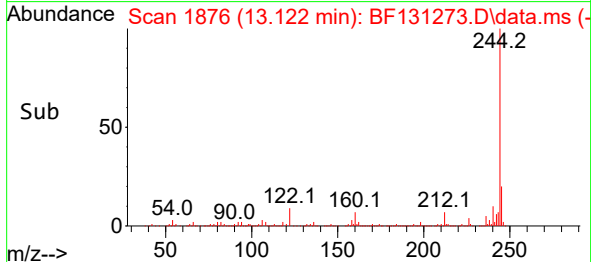
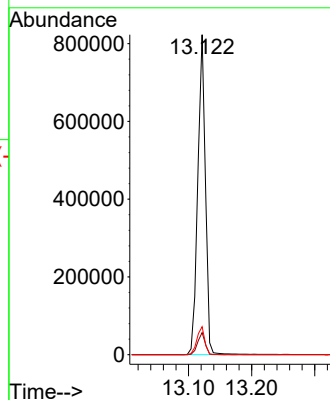
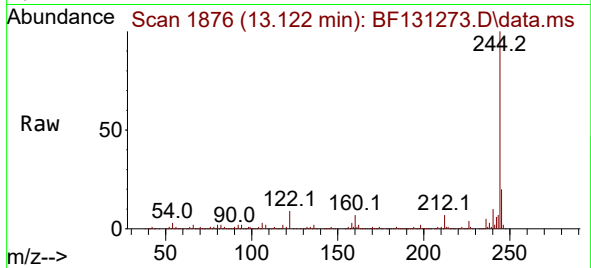




#79
 Terphenyl-d14
 Concen: 80.337 ng
 RT: 13.122 min Scan# 1876
 Delta R.T. -0.005 min
 Lab File: BF131273.D
 Acq: 16 Nov 2022 19:20

Instrument :
 BNA_F
 ClientSampleId :
 B-4C(OW)RE

Tgt Ion:244 Resp: 690093
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.7 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2319
 Delta R.T. 0.000 min
 Lab File: BF131273.D
 Acq: 16 Nov 2022 19:20

Tgt Ion:264 Resp: 184700
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 20.5 16.6 24.8

