

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132067.D
 Acq On : 13 Jan 2023 19:27
 Operator : CG\JU
 Sample : 01135-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Jan 16 01:18:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

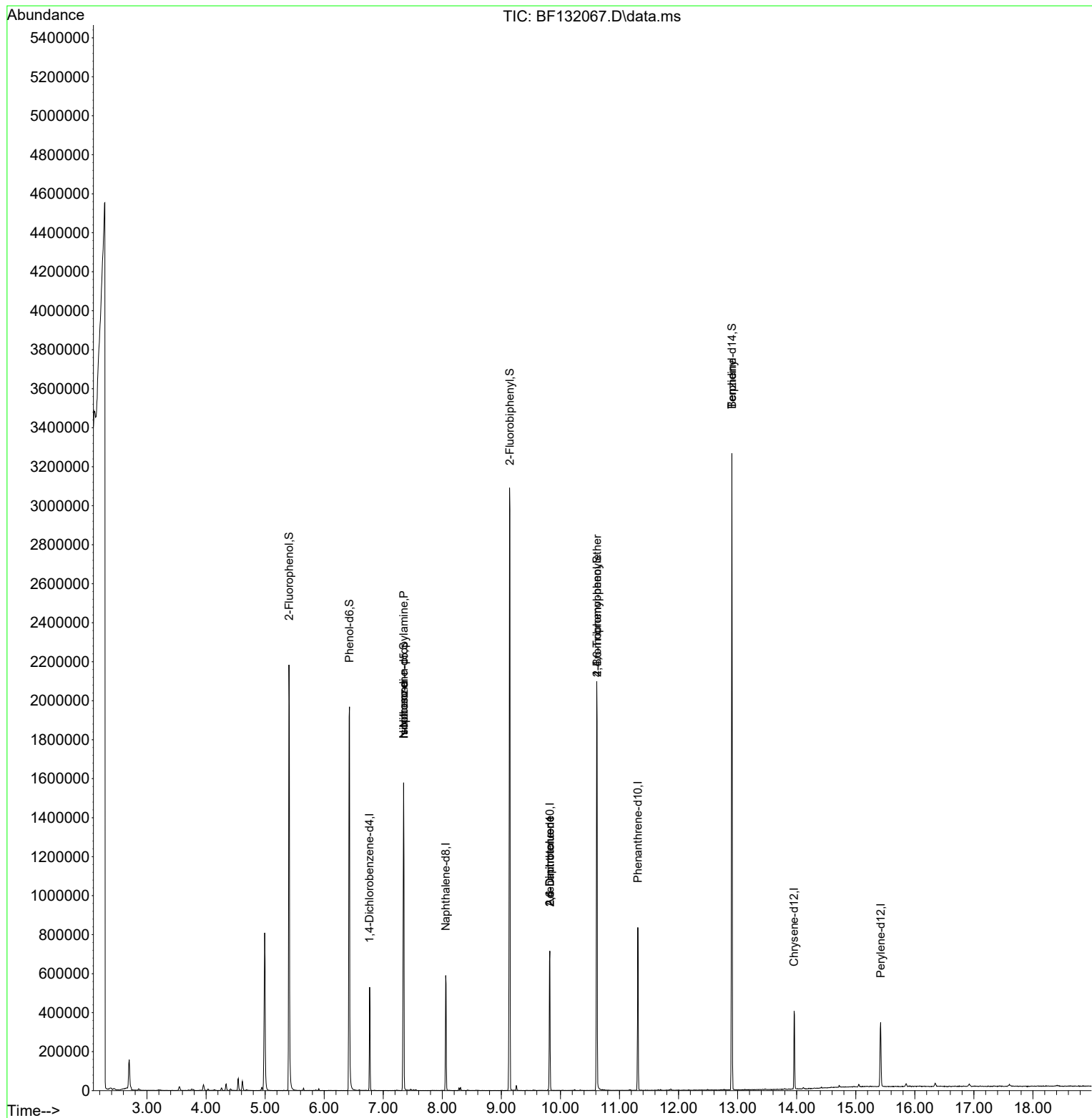
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	67693	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	256504	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	148766	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	278228	20.000	ng	0.00
76) Chrysene-d12	13.957	240	138411	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	147856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	596669	145.241	ng	0.02
7) Phenol-d6	6.428	99	708210	130.021	ng	0.00
23) Nitrobenzene-d5	7.345	82	588103	95.158	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	250161	146.252	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1027220	93.214	ng	0.00
79) Terphenyl-d14	12.904	244	1059615	109.725	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	82719	20.994	ng	# 78
25) Isophorone	7.345	82	588095	50.936	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	18475	7.575	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	18475	5.666	ng	# 14
67) 4-Bromophenyl-phenylether	10.622	248	17055	4.900	ng	# 1
77) Benzidine	12.904	184	16950	3.686	ng	# 91

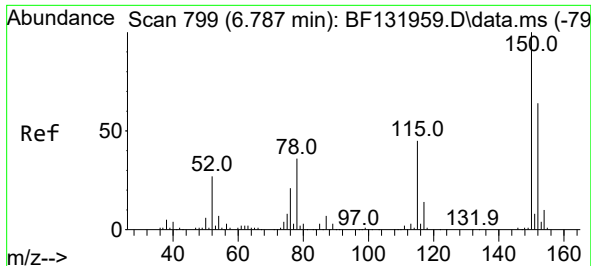
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
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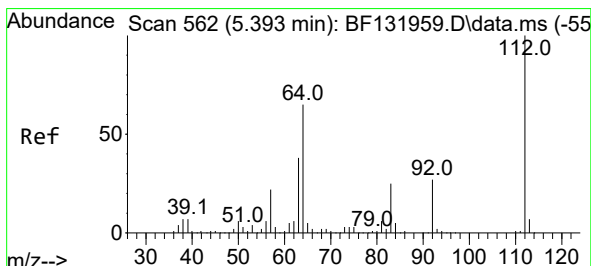
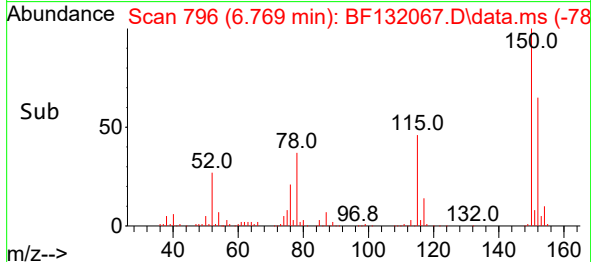
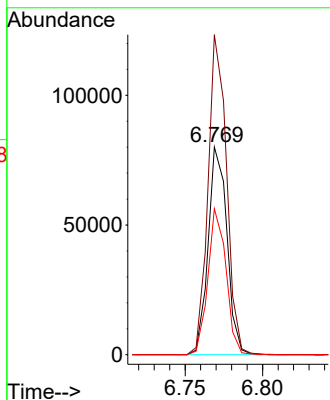
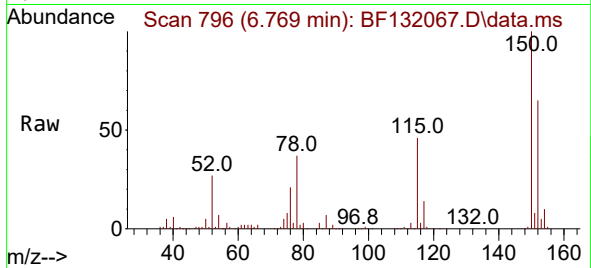




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

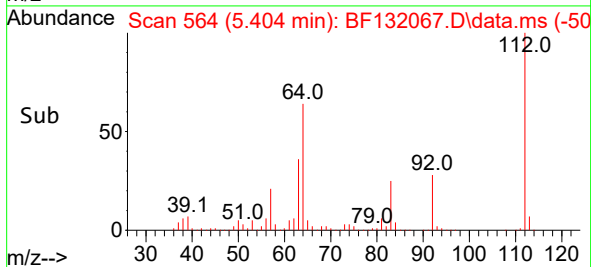
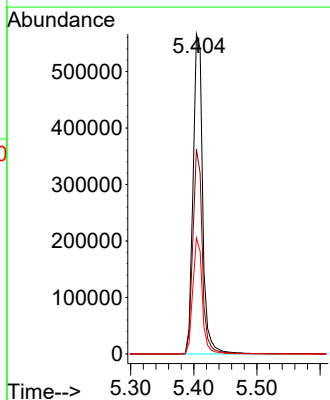
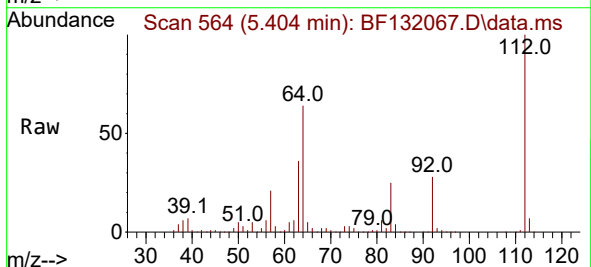
Instrument :
BNA_F
ClientSampleId :
WC-2

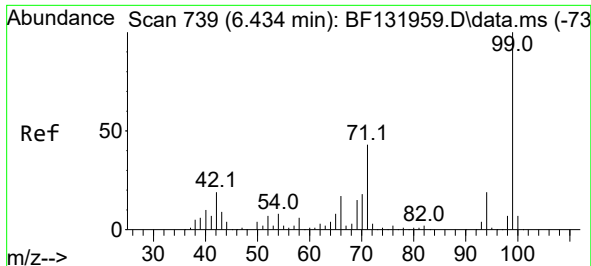
Tgt Ion:152 Resp: 67693
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 70.3 55.6 83.4



#5
2-Fluorophenol
Concen: 145.241 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

Tgt Ion:112 Resp: 596669
Ion Ratio Lower Upper
112 100
64 64.0 51.9 77.9
63 36.3 30.2 45.2

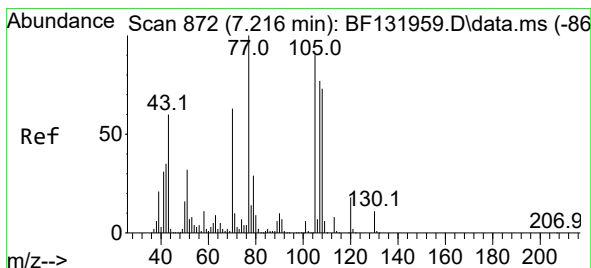
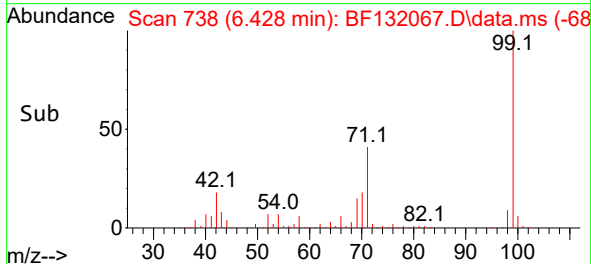
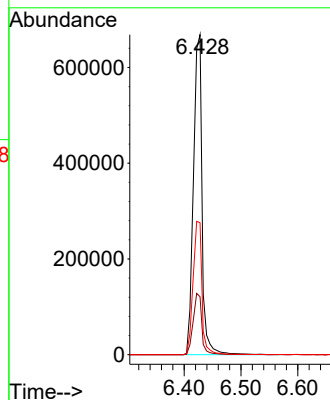
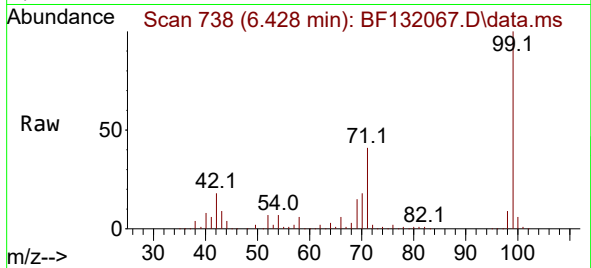




#7
Phenol-d6
Concen: 130.021 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

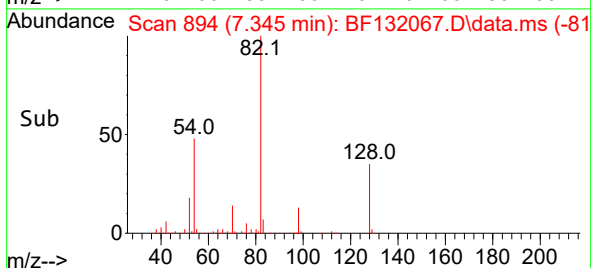
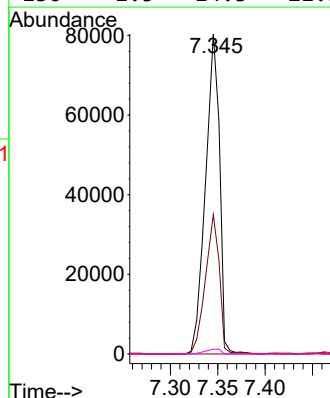
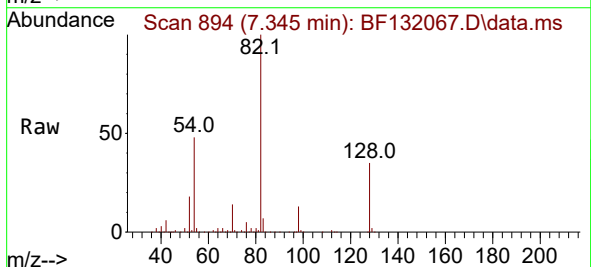
Instrument :
BNA_F
ClientSampleId :
WC-2

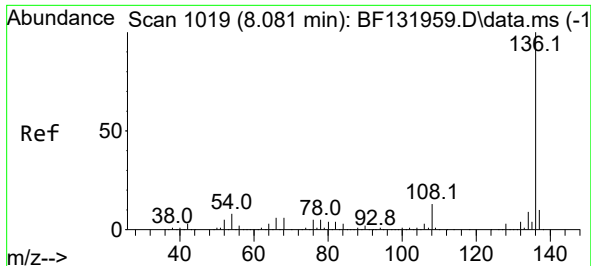
Tgt Ion: 99 Resp: 708210
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.2
71 41.3 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.994 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

Tgt Ion: 70 Resp: 82719
Ion Ratio Lower Upper
70 100
42 43.5 44.3 66.5#
101 0.0 7.5 11.3#
130 1.5 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132067.D

Acq: 13 Jan 2023 19:27

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion:136 Resp: 256504

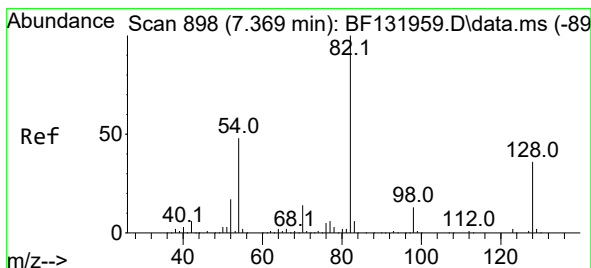
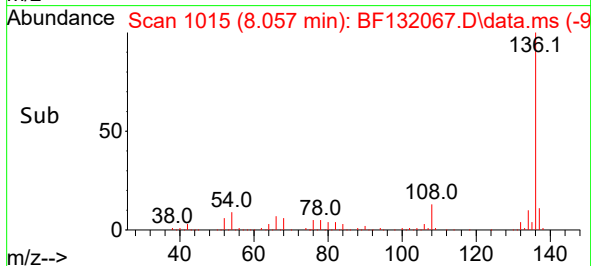
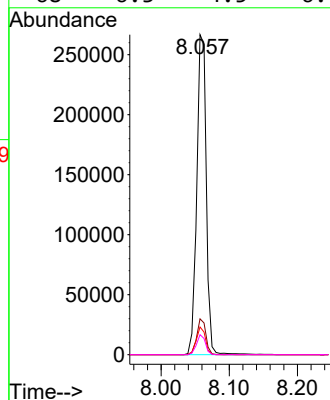
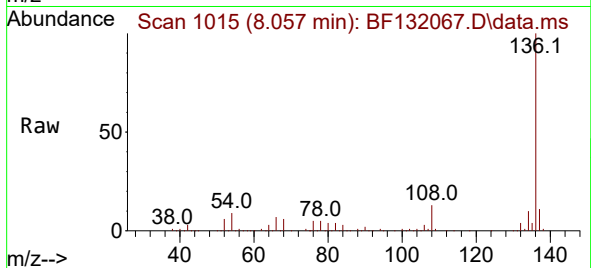
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.2

54 8.7 6.6 9.8

68 6.3 4.5 6.7



#23

Nitrobenzene-d5

Concen: 95.158 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF132067.D

Acq: 13 Jan 2023 19:27

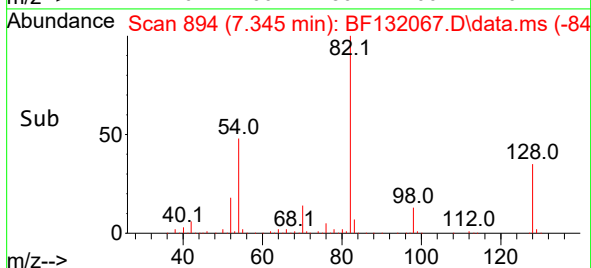
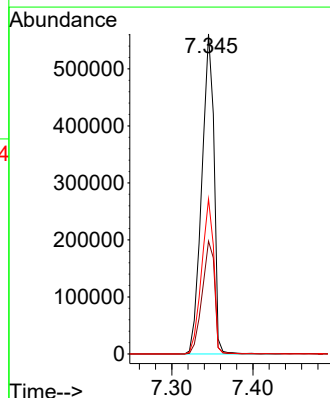
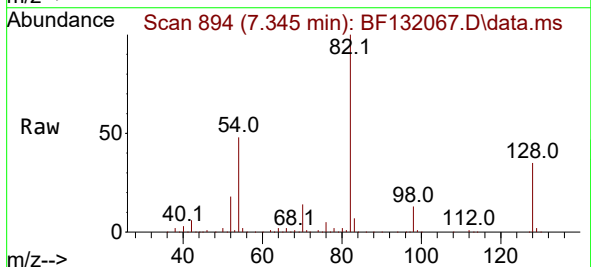
Tgt Ion: 82 Resp: 588103

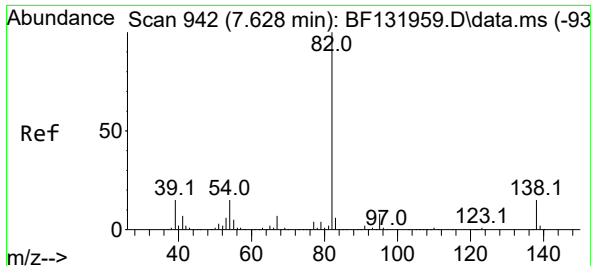
Ion Ratio Lower Upper

82 100

128 35.2 28.7 43.1

54 48.4 38.1 57.1

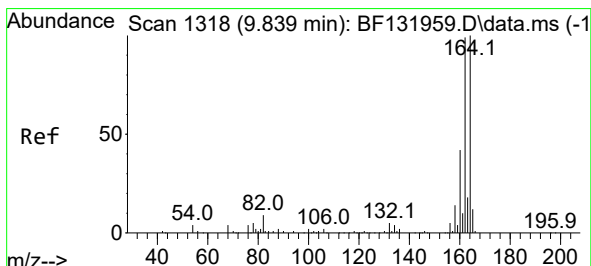
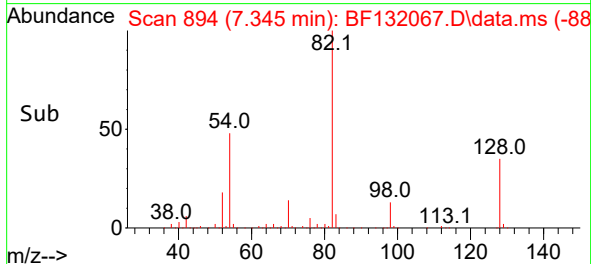
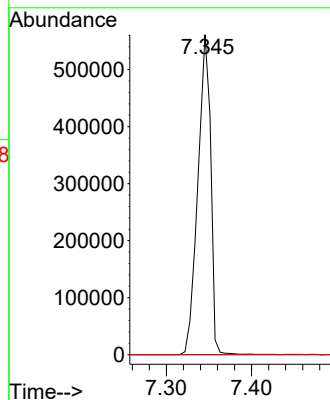
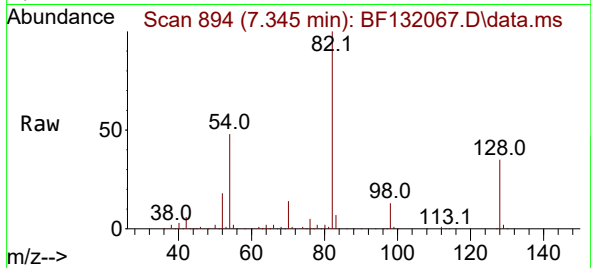




#25
Isophorone
Concen: 50.936 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

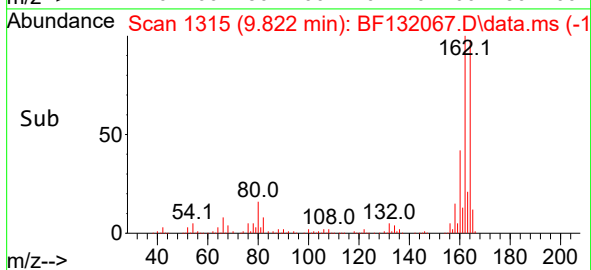
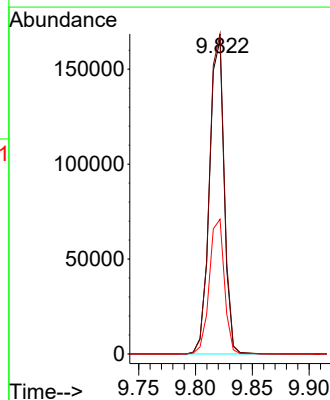
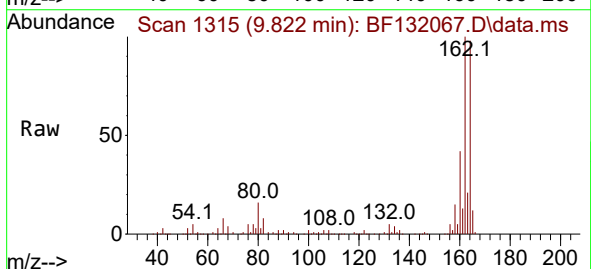
Instrument :
BNA_F
ClientSampleId :
WC-2

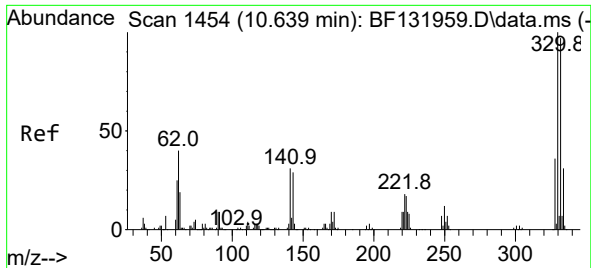
Tgt Ion: 82 Resp: 588095
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

Tgt Ion:164 Resp: 148766
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 42.9 33.9 50.9

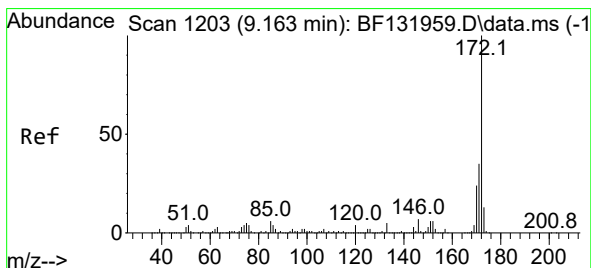
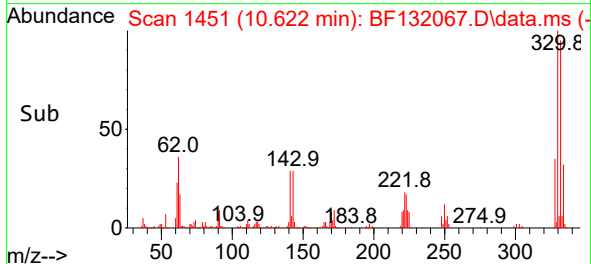
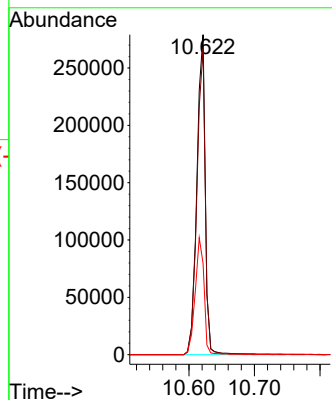
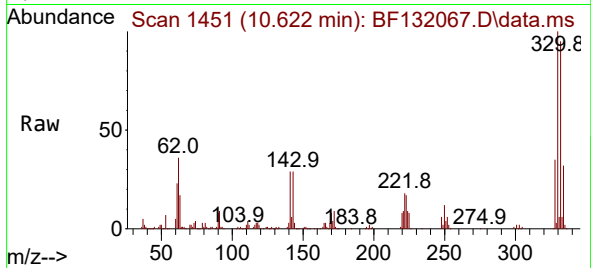




#42
2,4,6-Tribromophenol
Concen: 146.252 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

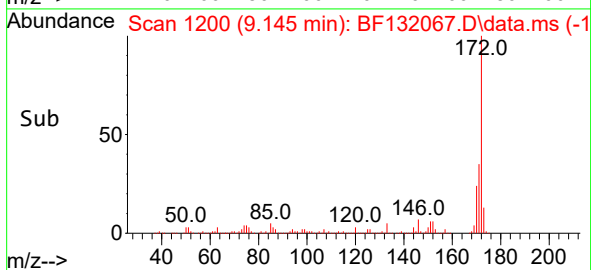
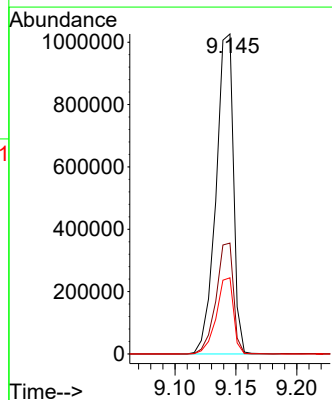
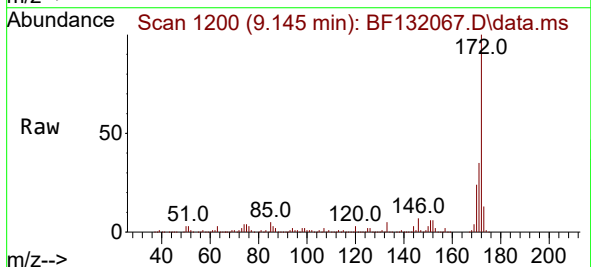
Instrument :
BNA_F
ClientSampleId :
WC-2

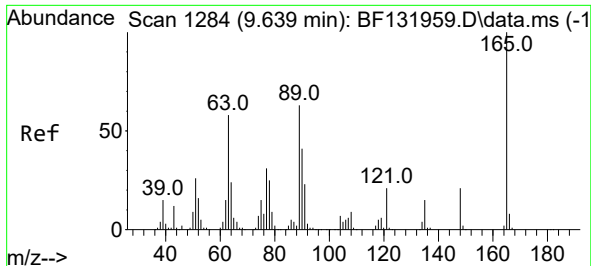
Tgt Ion:330 Resp: 250161
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 38.6 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 93.214 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

Tgt Ion:172 Resp: 1027220
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.8 18.9 28.3

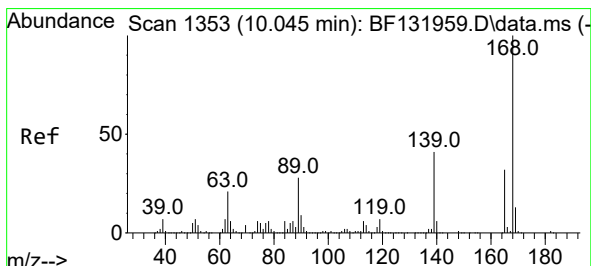
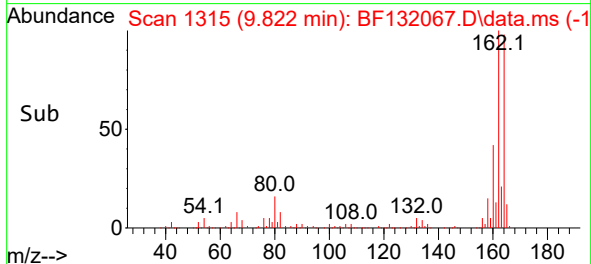
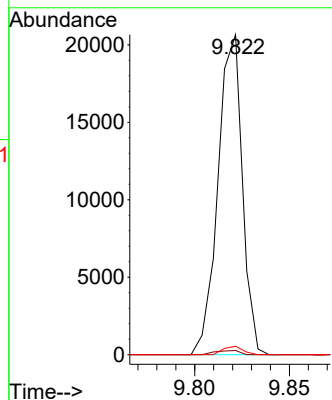
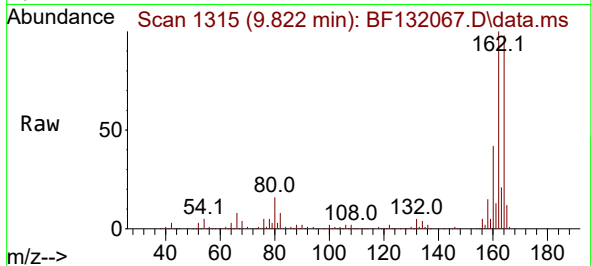




#51
2,6-Dinitrotoluene
Concen: 7.575 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

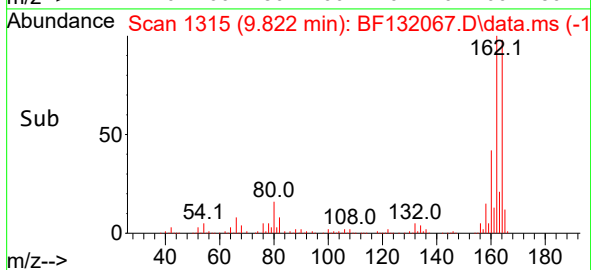
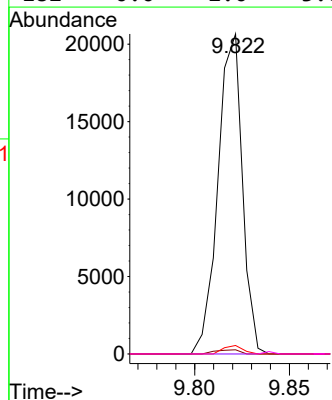
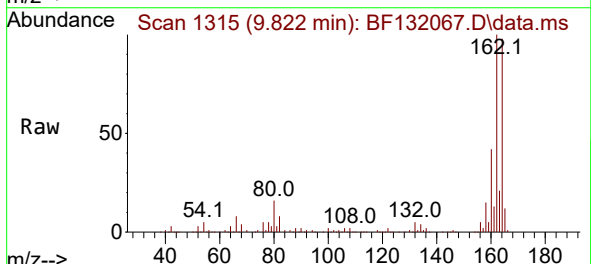
Instrument :
BNA_F
ClientSampleId :
WC-2

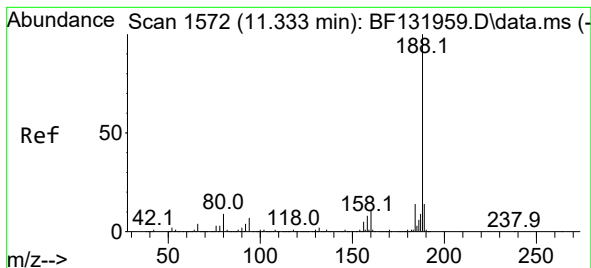
Tgt Ion:165 Resp: 18475
Ion Ratio Lower Upper
165 100
63 1.3 47.4 71.0#
89 2.7 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.666 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

Tgt Ion:165 Resp: 18475
Ion Ratio Lower Upper
165 100
63 1.3 53.2 79.8#
89 2.7 71.2 106.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132067.D

Acq: 13 Jan 2023 19:27

Instrument :

BNA_F

ClientSampleId :

WC-2

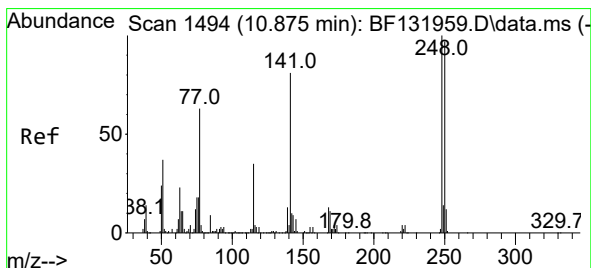
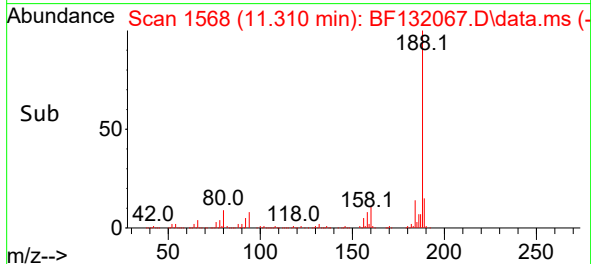
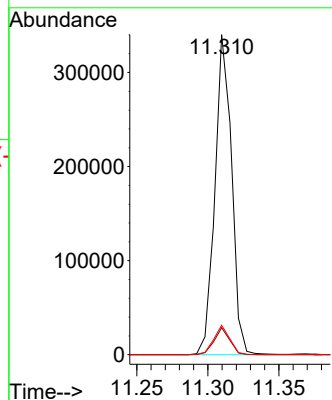
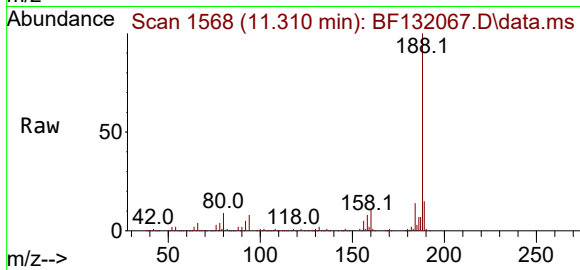
Tgt Ion:188 Resp: 278228

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

80 9.2 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.900 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.235 min

Lab File: BF132067.D

Acq: 13 Jan 2023 19:27

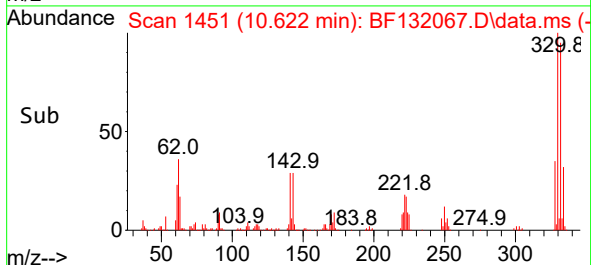
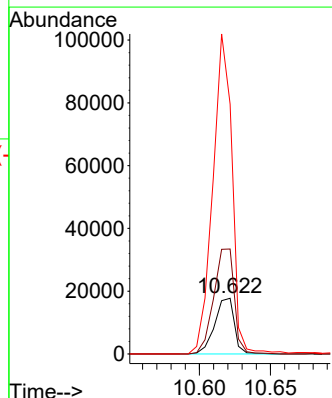
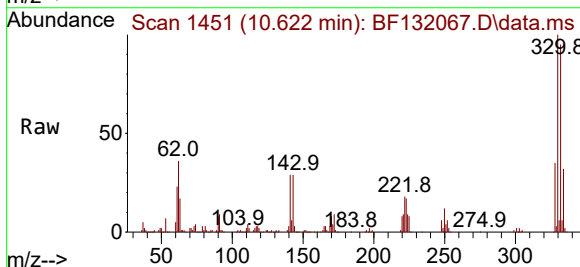
Tgt Ion:248 Resp: 17055

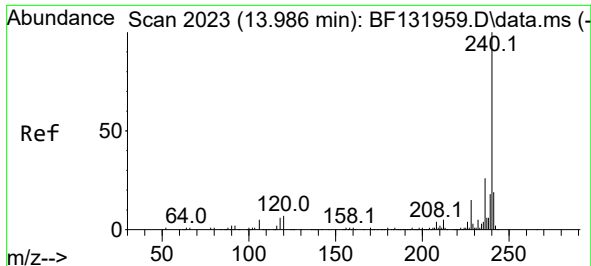
Ion Ratio Lower Upper

248 100

250 188.3 77.4 116.2#

141 448.0 65.0 97.6#

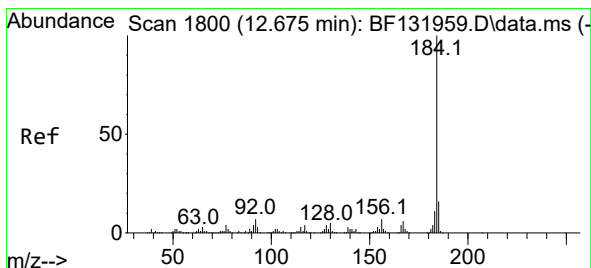
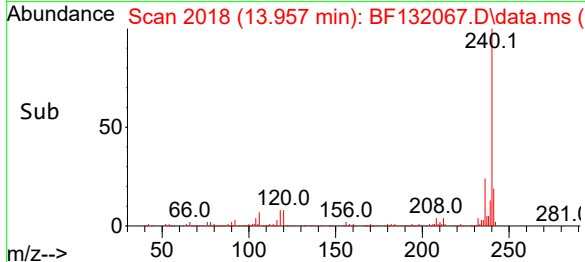
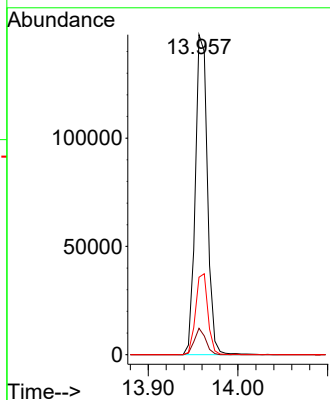
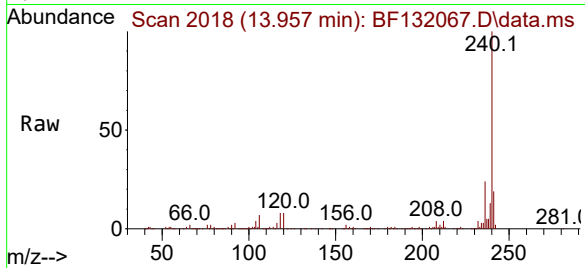




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

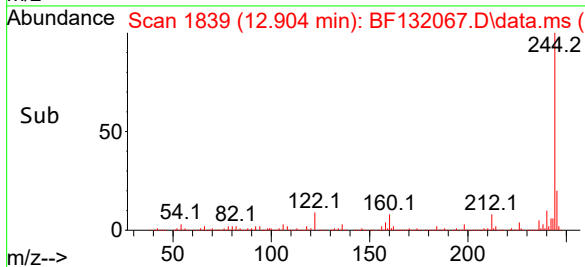
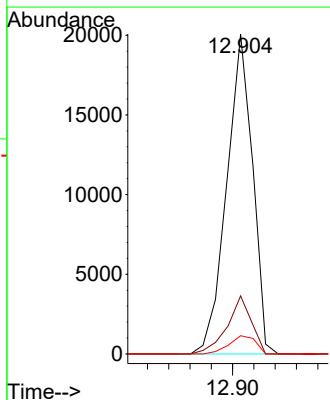
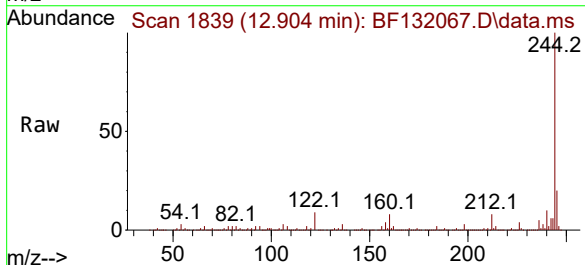
Instrument :
BNA_F
ClientSampleId :
WC-2

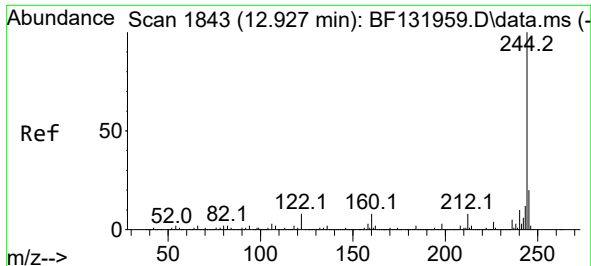
Tgt Ion:240 Resp: 138411
Ion Ratio Lower Upper
240 100
120 8.3 5.4 8.0#
236 24.2 21.1 31.7



#77
Benzidine
Concen: 3.686 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.247 min
Lab File: BF132067.D
Acq: 13 Jan 2023 19:27

Tgt Ion:184 Resp: 16950
Ion Ratio Lower Upper
184 100
185 18.2 12.8 19.2
183 5.7 9.0 13.4#

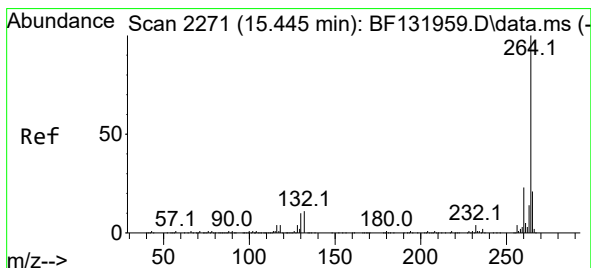
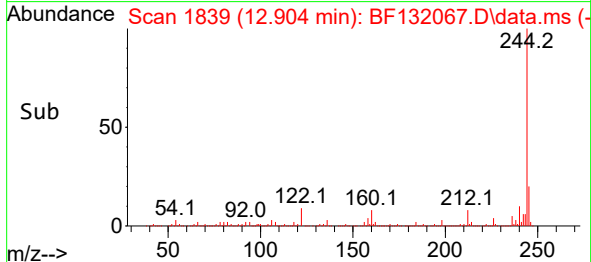
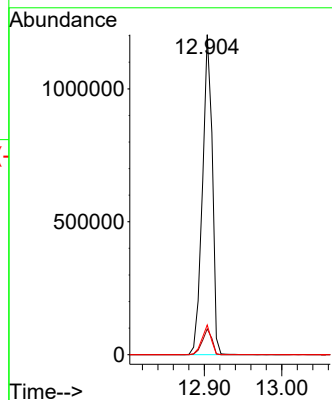
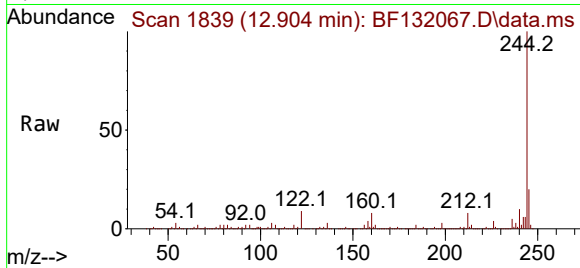




#79
 Terphenyl-d14
 Concen: 109.725 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF132067.D
 Acq: 13 Jan 2023 19:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1059615
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF132067.D
 Acq: 13 Jan 2023 19:27

Tgt Ion:264 Resp: 147856
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 20.8 16.9 25.3

