

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132679.D
 Acq On : 07 Mar 2023 15:52
 Operator : CG\JU
 Sample : 01821-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-IDW-S-1

Quant Time: Mar 08 04:40:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

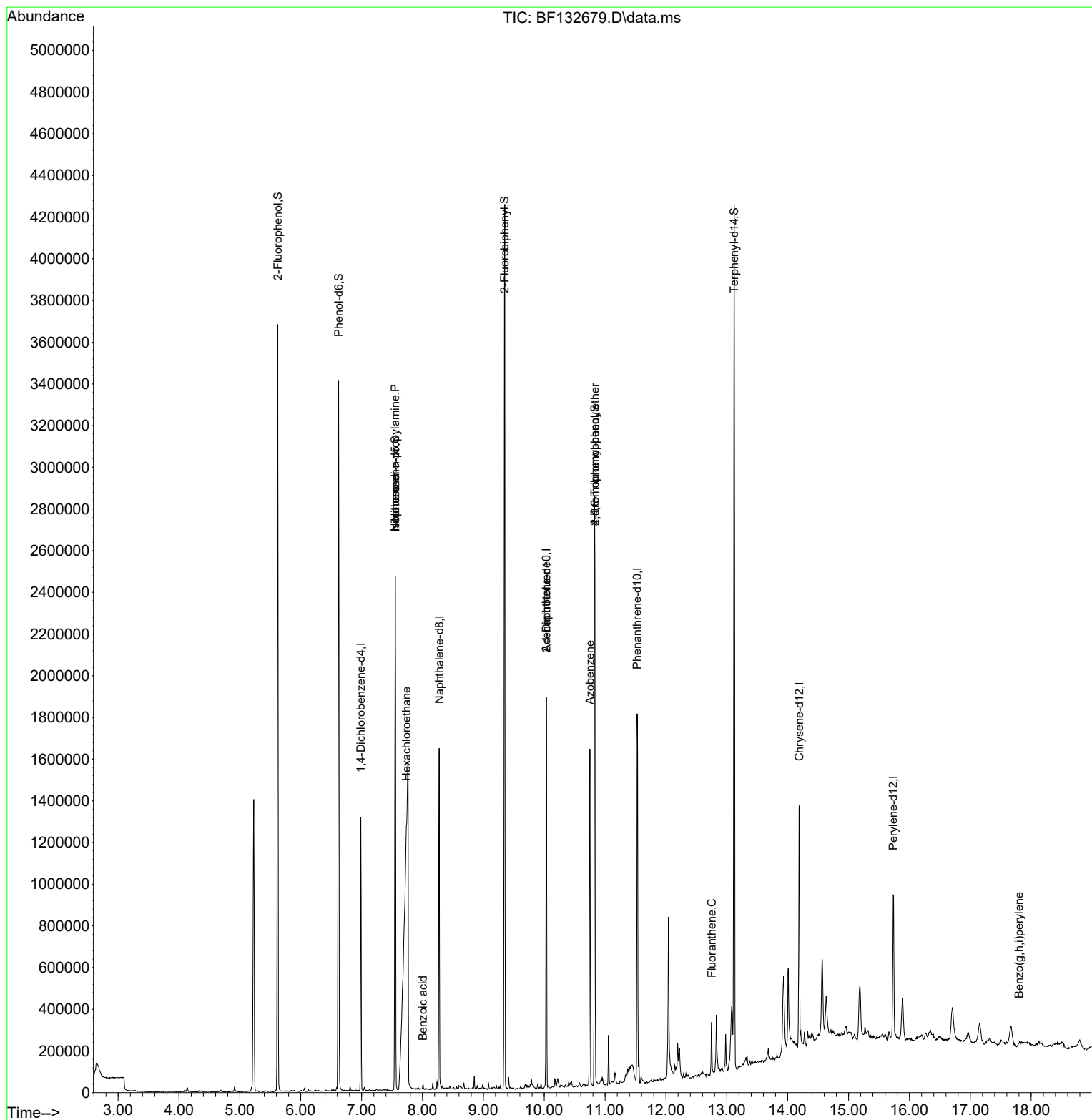
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	180883	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	657645	20.000	ng	0.00
39) Acenaphthene-d10	10.034	164	356016	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	683596	20.000	ng	0.00
76) Chrysene-d12	14.192	240	415044	20.000	ng	0.00
86) Perylene-d12	15.733	264	352899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1022926	91.782	ng	0.00
7) Phenol-d6	6.622	99	1296651	89.145	ng	0.00
23) Nitrobenzene-d5	7.551	82	832597	60.066	ng	-0.01
42) 2,4,6-Tribromophenol	10.834	330	348925	90.752	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1296847	55.465	ng	0.00
79) Terphenyl-d14	13.122	244	1510611	61.537	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.734	117	9936	2.052	ng	# 1
19) n-Nitroso-di-n-propyla...	7.551	70	109547	12.237	ng	# 76
25) Isophorone	7.551	82	832489	31.325	ng	# 67
32) Benzoic acid	8.004	122	1502	4.006	ng	# 86
57) 2,4-Dinitrotoluene	10.034	165	46163	5.878	ng	# 21
63) Azobenzene	10.751	77	287925	10.738	ng	# 1
67) 4-Bromophenyl-phenylether	10.834	248	22569	2.919	ng	# 1
75) Fluoranthene	12.751	202	83728	2.163	ng	# 99
92) Benzo(g,h,i)perylene	17.804	276	9714	2.055	ng	# 78

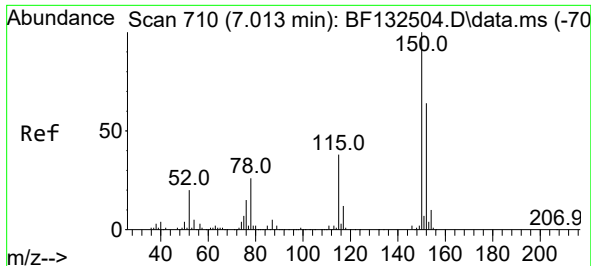
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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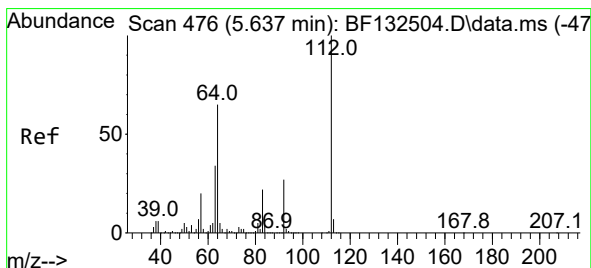
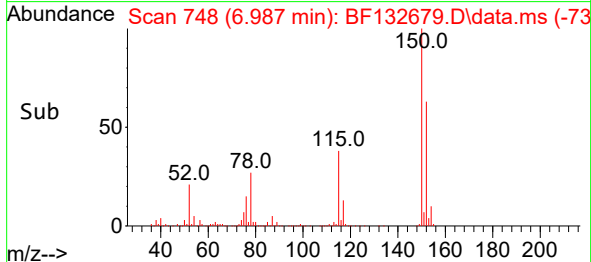
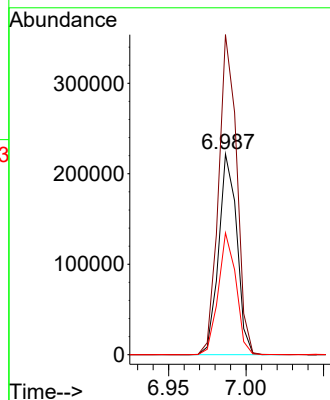
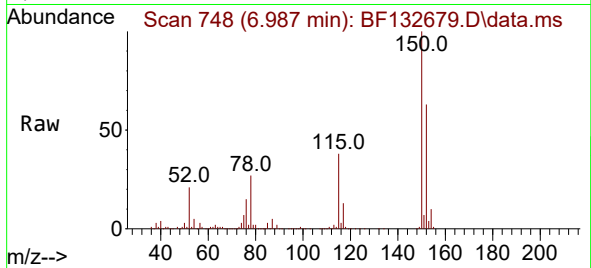




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

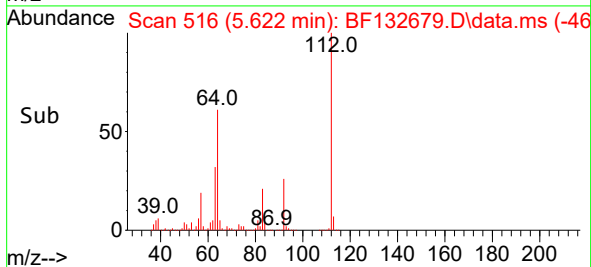
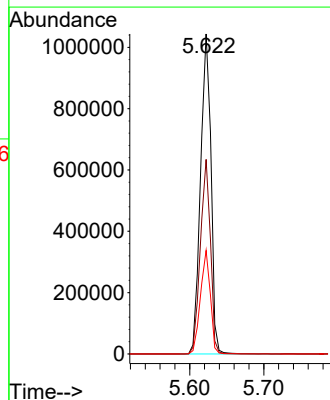
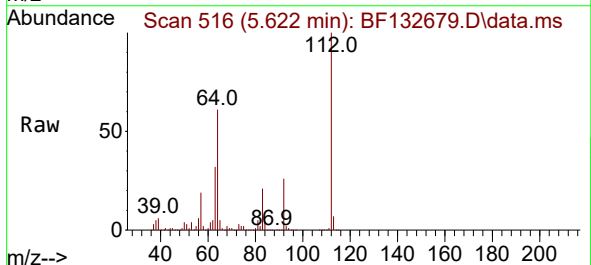
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

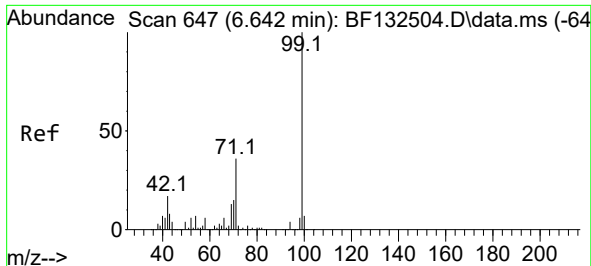
Tgt Ion:152 Resp: 180883
Ion Ratio Lower Upper
152 100
150 159.4 125.4 188.2
115 60.7 47.8 71.6



#5
2-Fluorophenol
Concen: 91.782 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion:112 Resp: 1022926
Ion Ratio Lower Upper
112 100
64 60.8 51.6 77.4
63 32.4 27.4 41.2

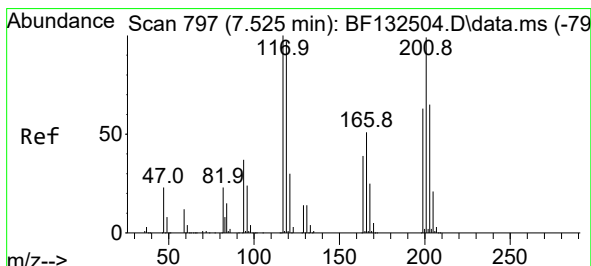
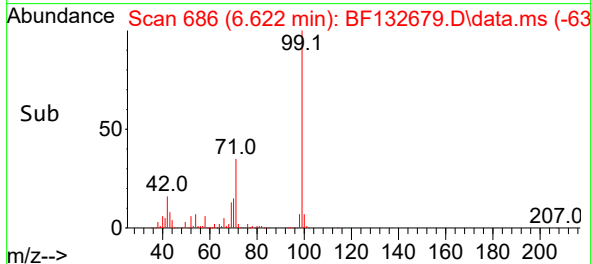
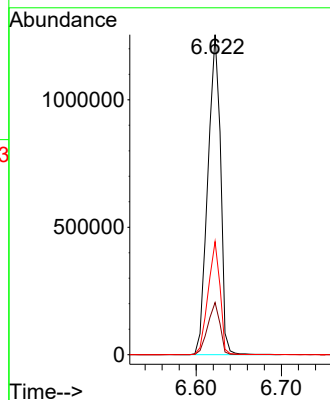
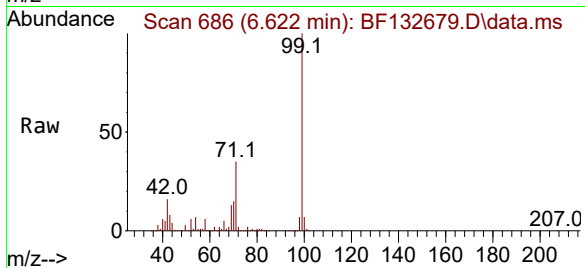




#7
Phenol-d6
Concen: 89.145 ng
RT: 6.622 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

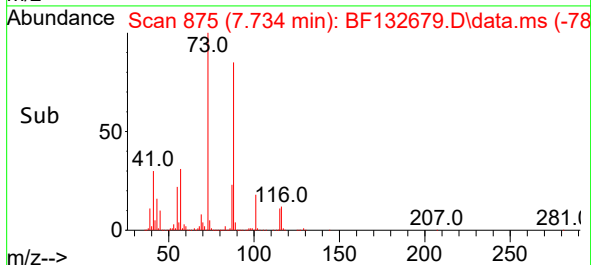
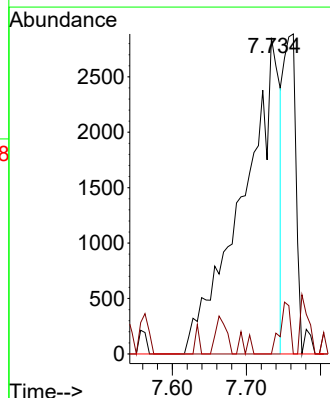
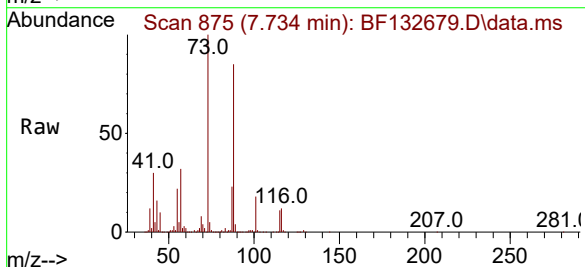
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

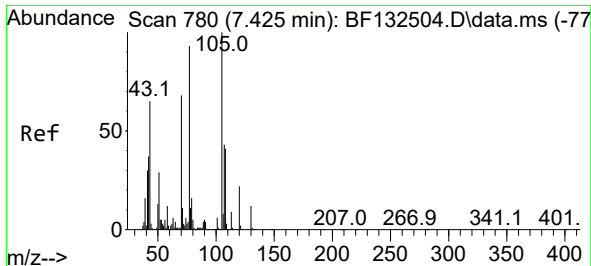
Tgt Ion: 99 Resp: 1296651
Ion Ratio Lower Upper
99 100
42 16.3 13.9 20.9
71 35.3 28.5 42.7



#18
Hexachloroethane
Concen: 2.052 ng
RT: 7.734 min Scan# 875
Delta R.T. 0.229 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion: 117 Resp: 9936
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
201 0.0 79.0 118.4#

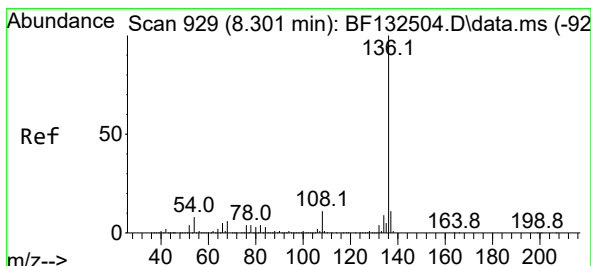
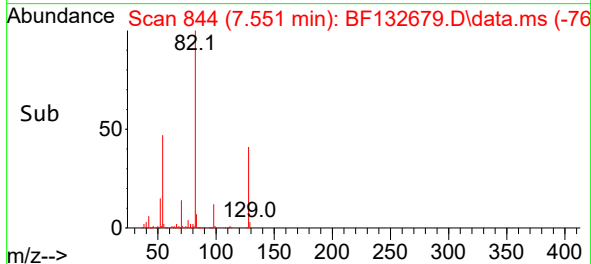
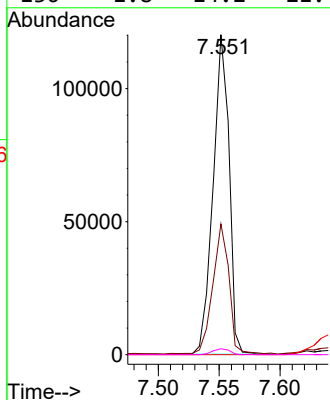
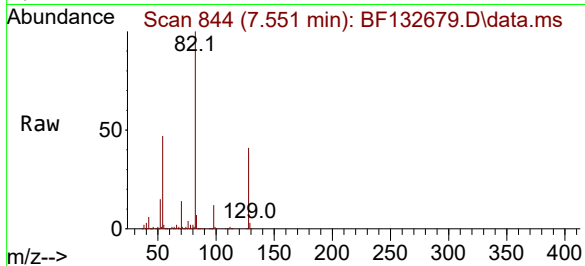




#19
n-Nitroso-di-n-propylamine
Concen: 12.237 ng
RT: 7.551 min Scan# 84
Delta R.T. 0.147 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

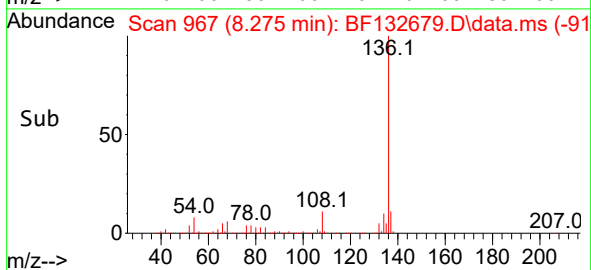
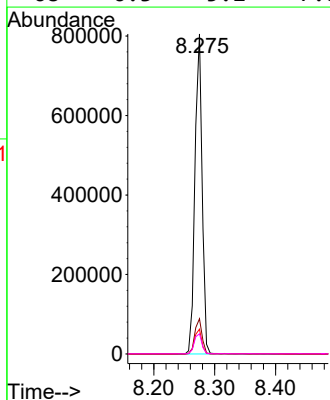
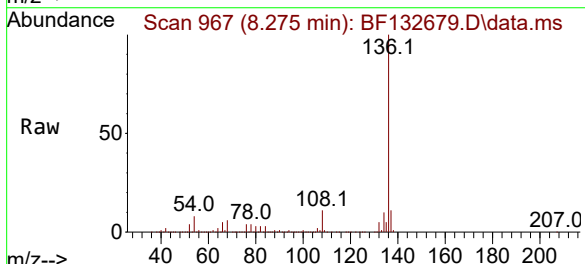
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

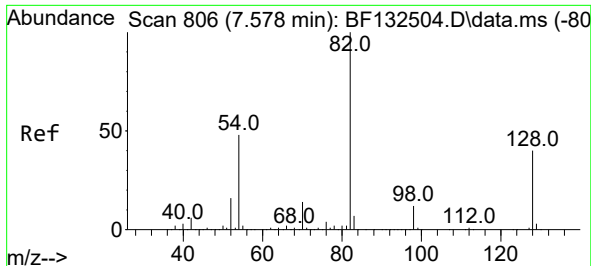
Tgt Ion: 70 Resp: 109547
Ion Ratio Lower Upper
70 100
42 40.8 44.1 66.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion:136 Resp: 657645
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.2 9.4
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 60.066 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.012 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

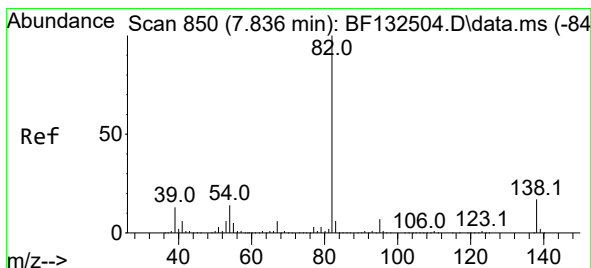
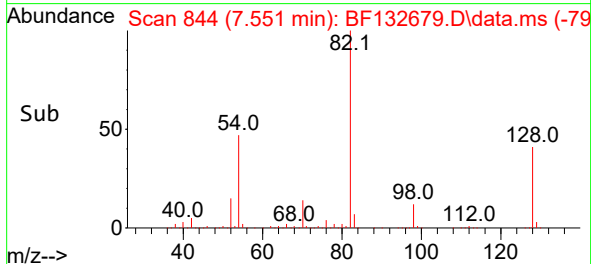
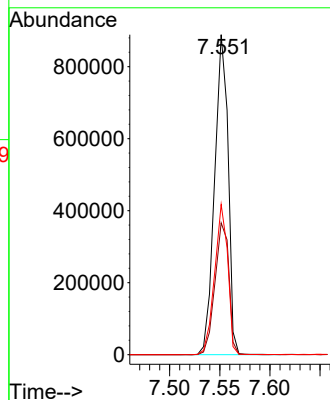
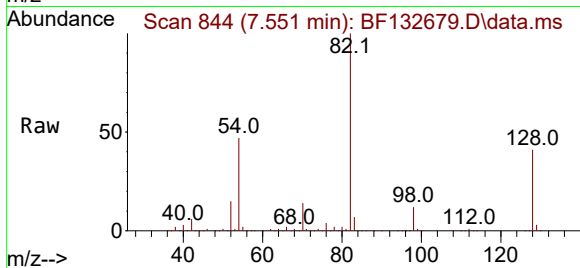
Tgt Ion: 82 Resp: 832597

Ion Ratio Lower Upper

82 100

128 41.2 32.2 48.2

54 47.0 38.4 57.6



#25

Isophorone

Concen: 31.325 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.265 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

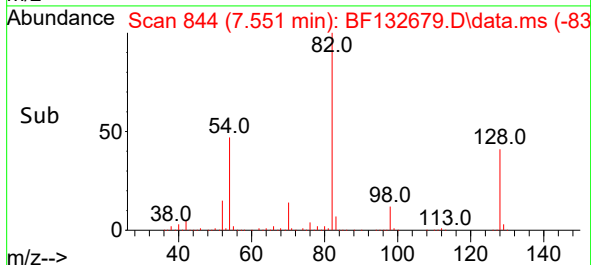
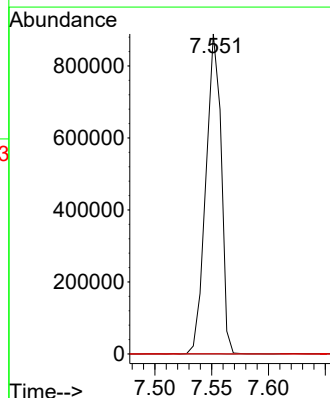
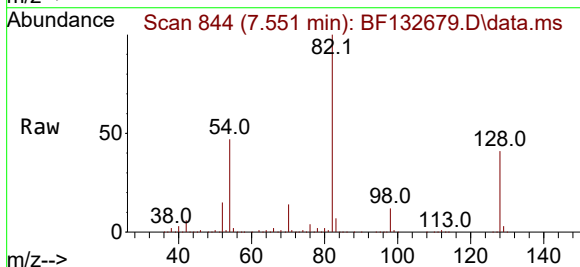
Tgt Ion: 82 Resp: 832489

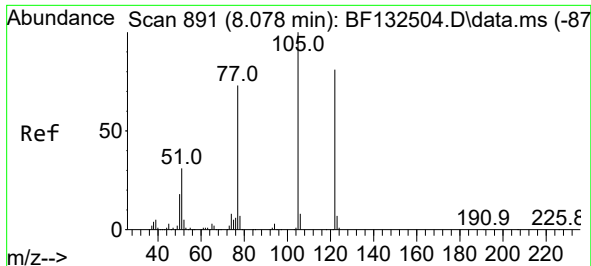
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.3 19.9#

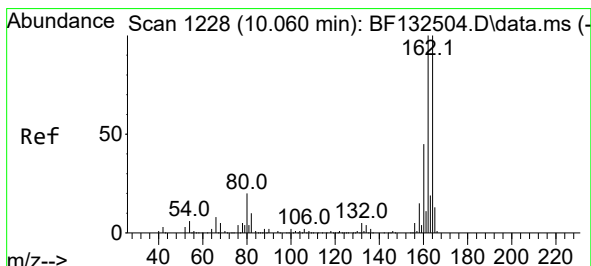
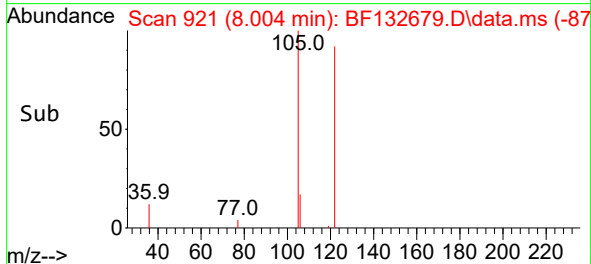
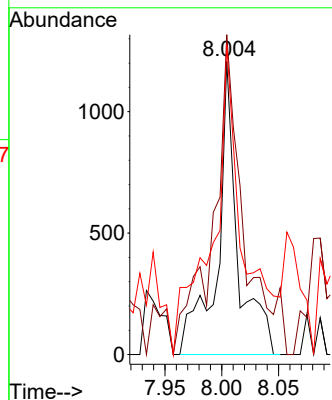
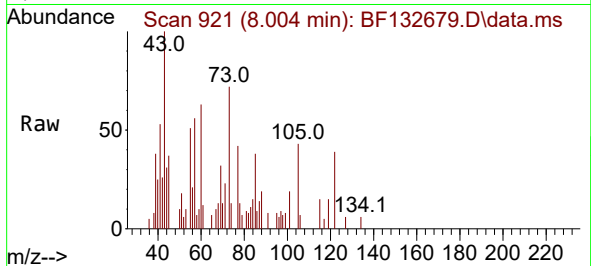




#32
Benzoic acid
Concen: 4.006 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.053 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

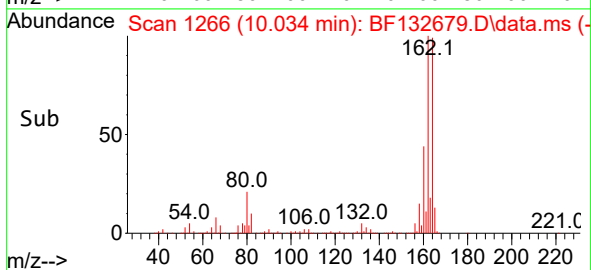
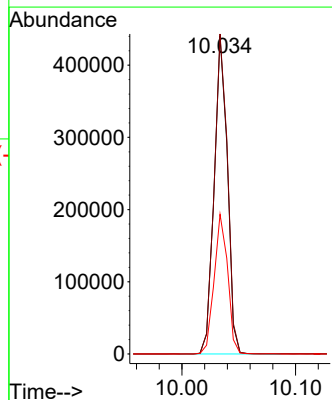
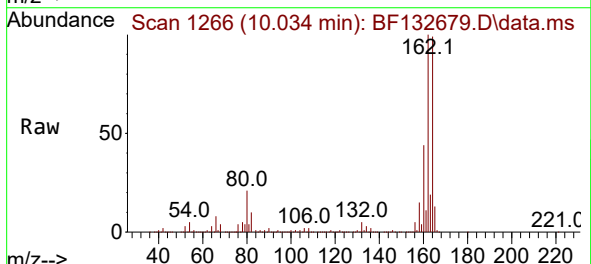
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

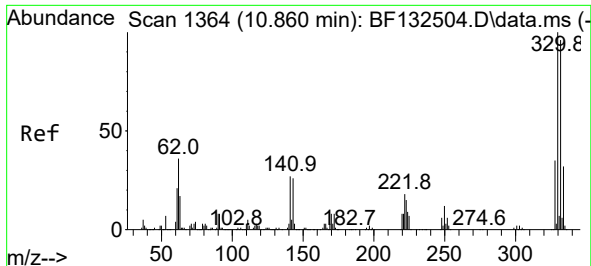
Tgt Ion:122 Resp: 1502
Ion Ratio Lower Upper
122 100
105 109.1 102.6 142.6
77 105.7 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.034 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion:164 Resp: 356016
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 90.752 ng

RT: 10.834 min Scan# 1402

Delta R.T. 0.000 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

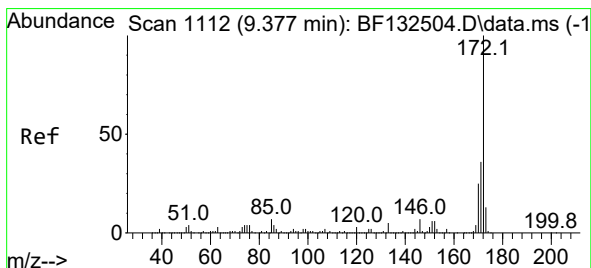
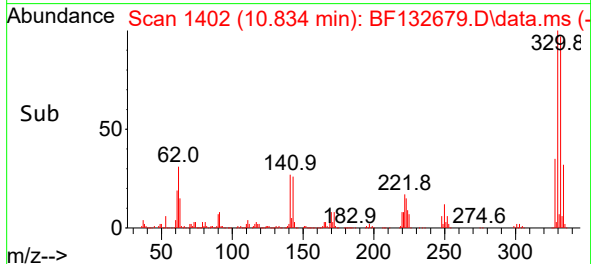
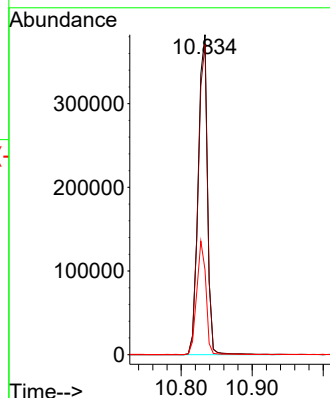
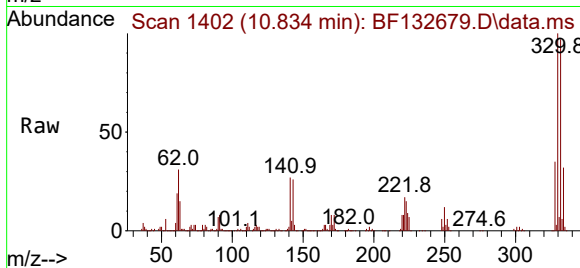
Tgt Ion:330 Resp: 348925

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 34.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 55.465 ng

RT: 9.351 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

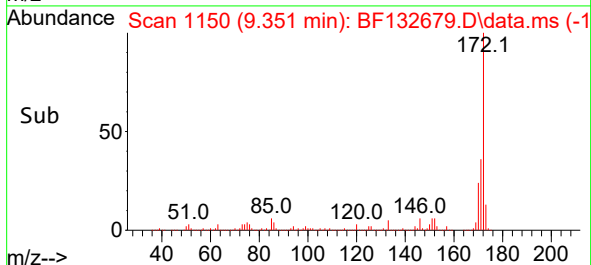
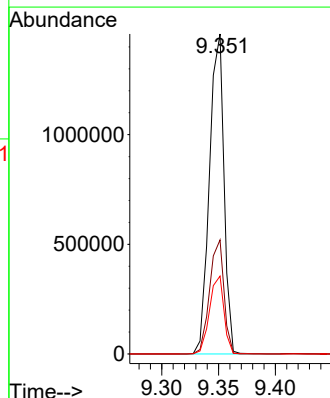
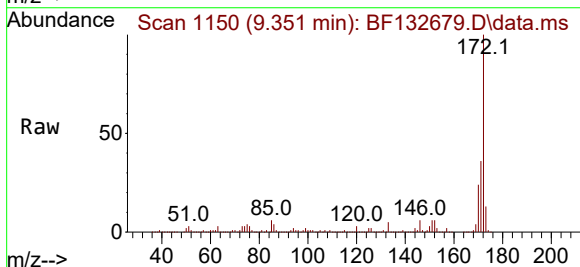
Tgt Ion:172 Resp: 1296847

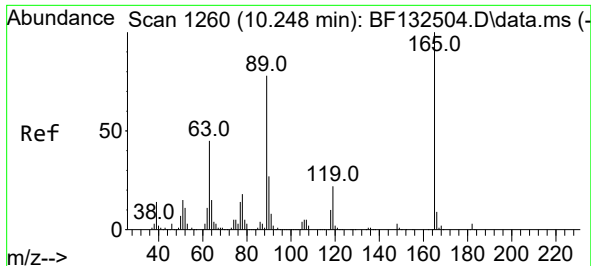
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.4 19.7 29.5





#57

2,4-Dinitrotoluene

Concen: 5.878 ng

RT: 10.034 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

Tgt Ion:165 Resp: 46163

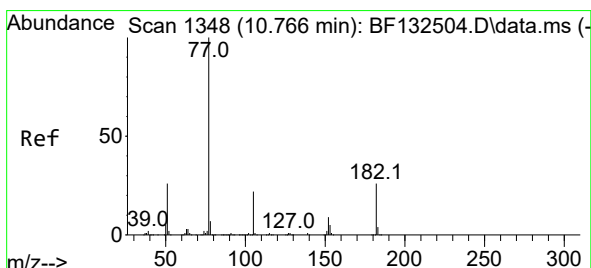
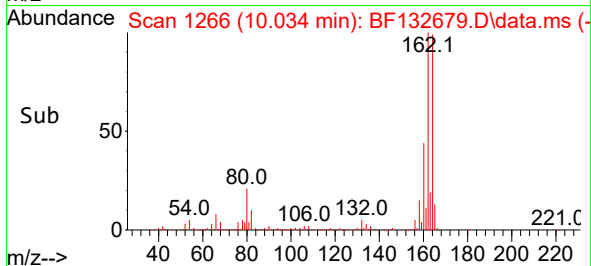
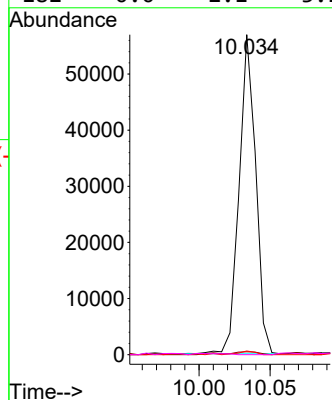
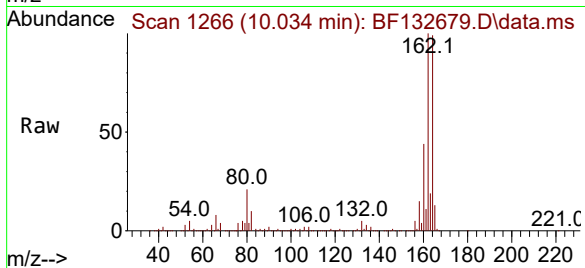
Ion Ratio Lower Upper

165 100

63 0.9 36.5 54.7#

89 1.1 62.4 93.6#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 10.738 ng

RT: 10.751 min Scan# 1388

Delta R.T. 0.012 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

Tgt Ion: 77 Resp: 287925

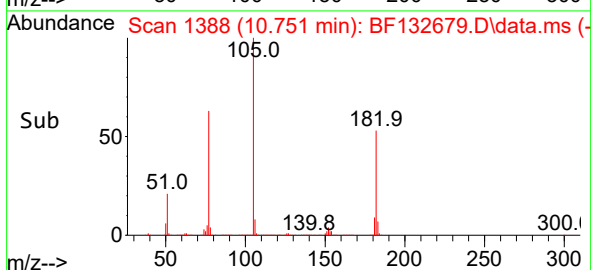
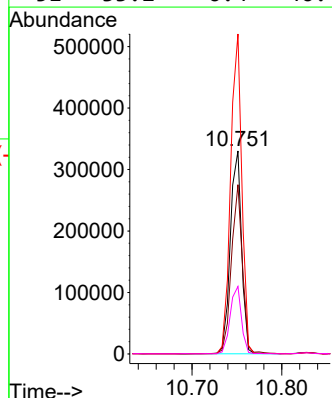
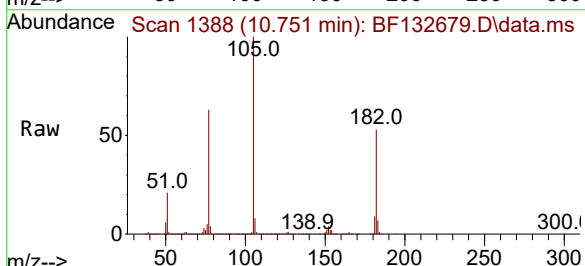
Ion Ratio Lower Upper

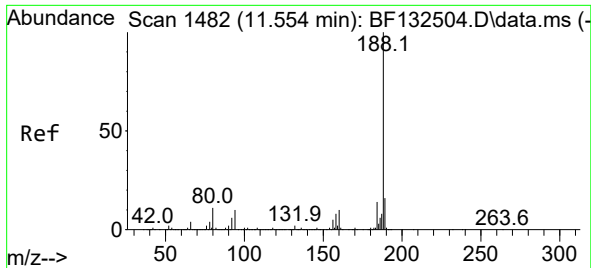
77 100

182 83.4 5.5 45.5#

105 157.6 1.8 41.8#

51 33.2 6.4 46.4

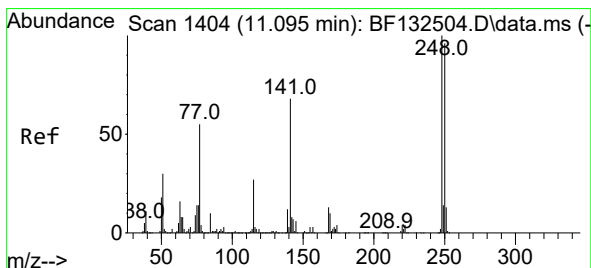
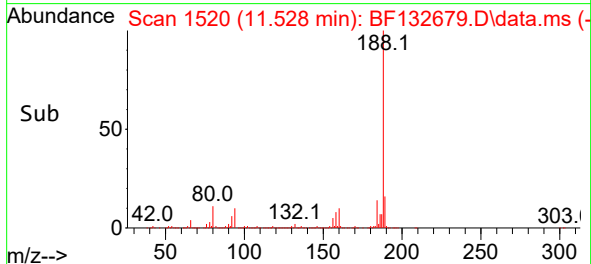
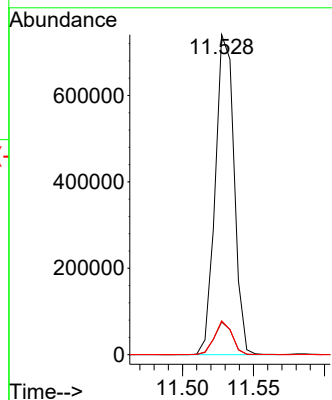
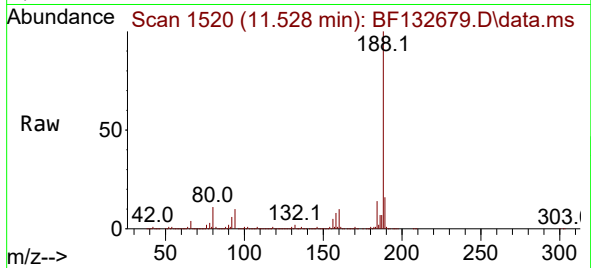




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

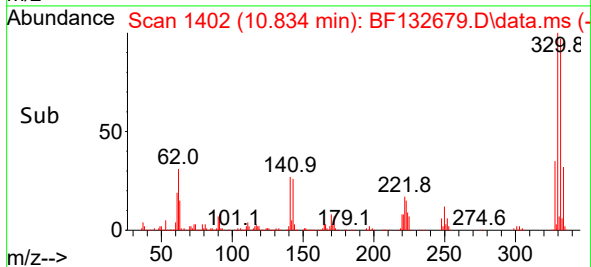
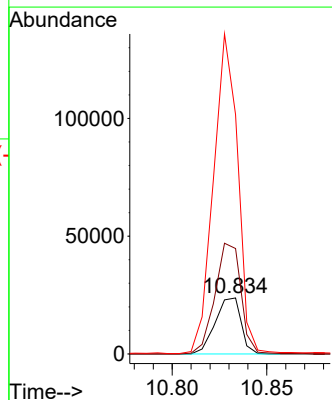
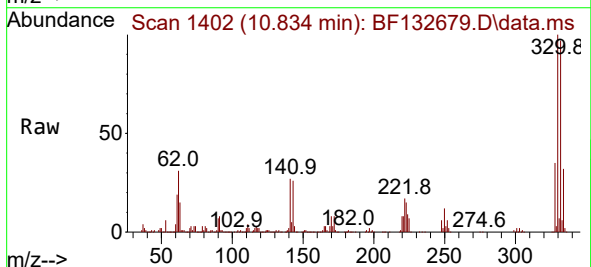
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

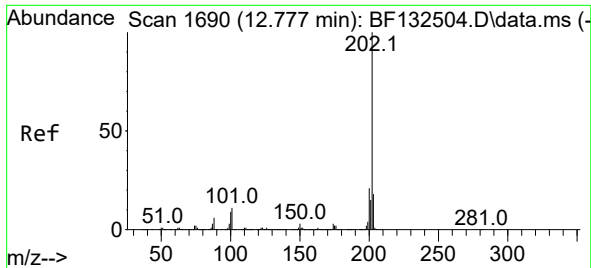
Tgt Ion:188 Resp: 683596
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.6 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.919 ng
RT: 10.834 min Scan# 1402
Delta R.T. -0.241 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion:248 Resp: 22569
Ion Ratio Lower Upper
248 100
250 188.1 77.0 115.4#
141 426.8 54.2 81.2#

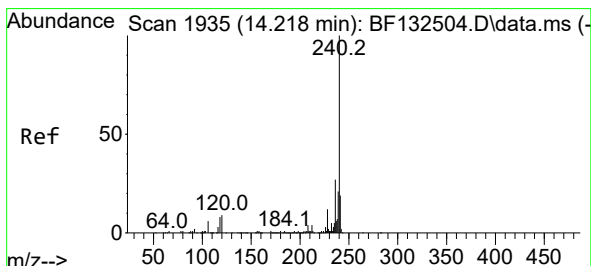
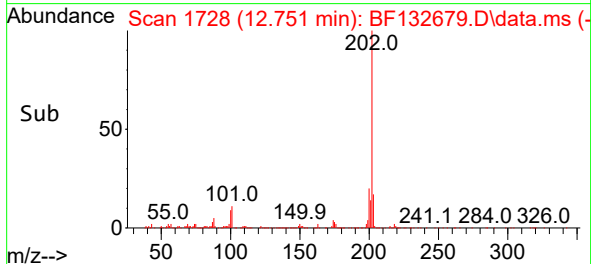
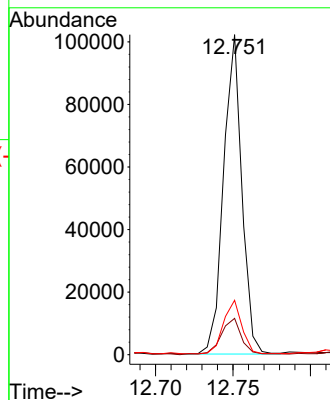
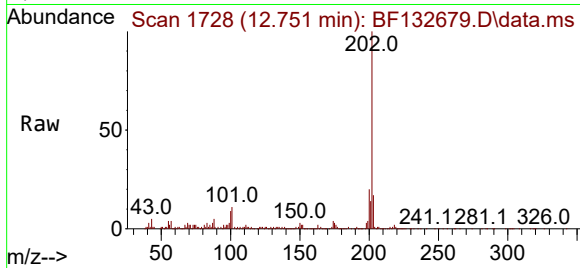




#75
Fluoranthene
Concen: 2.163 ng
RT: 12.751 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

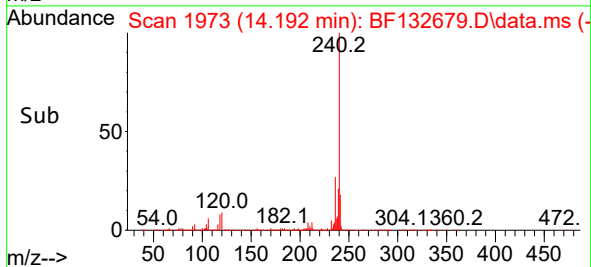
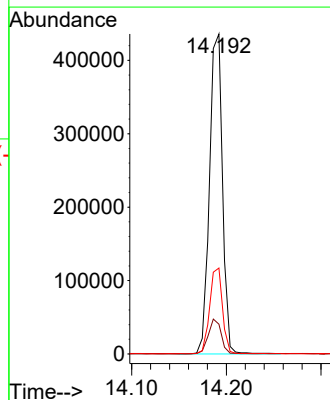
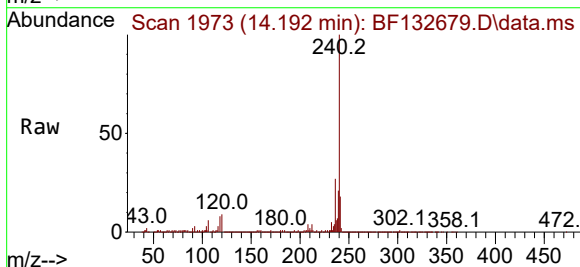
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

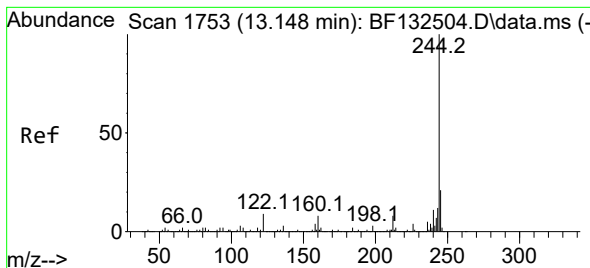
Tgt Ion:202 Resp: 83728
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion:240 Resp: 415044
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 26.8 21.8 32.6





#79

Terphenyl-d14

Concen: 61.537 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

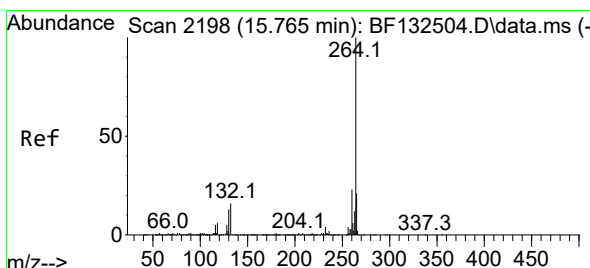
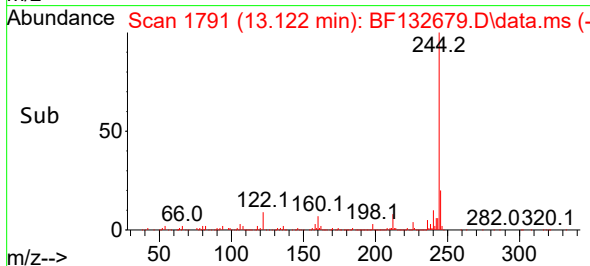
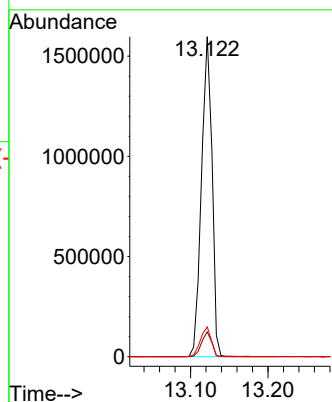
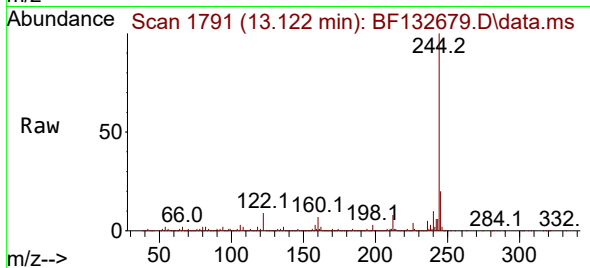
Tgt Ion:244 Resp: 1510611

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 9.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.733 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

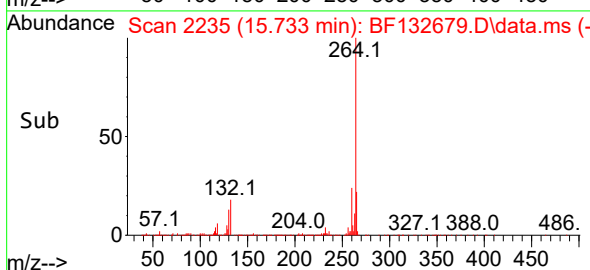
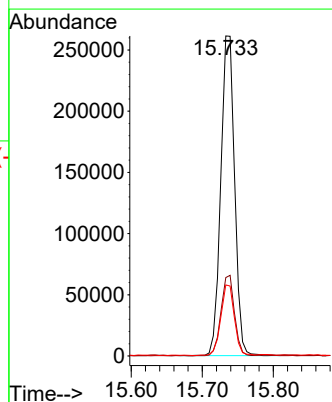
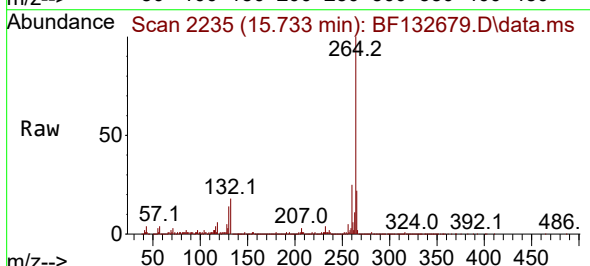
Tgt Ion:264 Resp: 352899

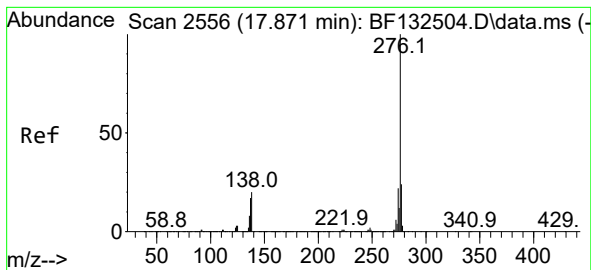
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.2 17.1 25.7





#92

Benzo(g,h,i)perylene

Concen: 2.055 ng

RT: 17.804 min Scan# 2

Delta R.T. -0.029 min

Lab File: BF132679.D

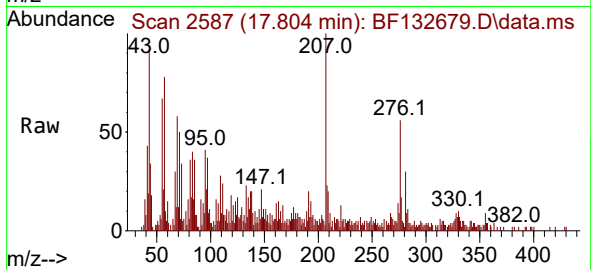
Acq: 07 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1



Tgt Ion:276 Resp: 9714

Ion Ratio Lower Upper

276 100

277 30.4 18.9 28.3#

138 35.1 16.2 24.4#

