

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132068.D
 Acq On : 13 Jan 2023 20:00
 Operator : CG\JU
 Sample : 01135-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Jan 16 01:18:43 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)

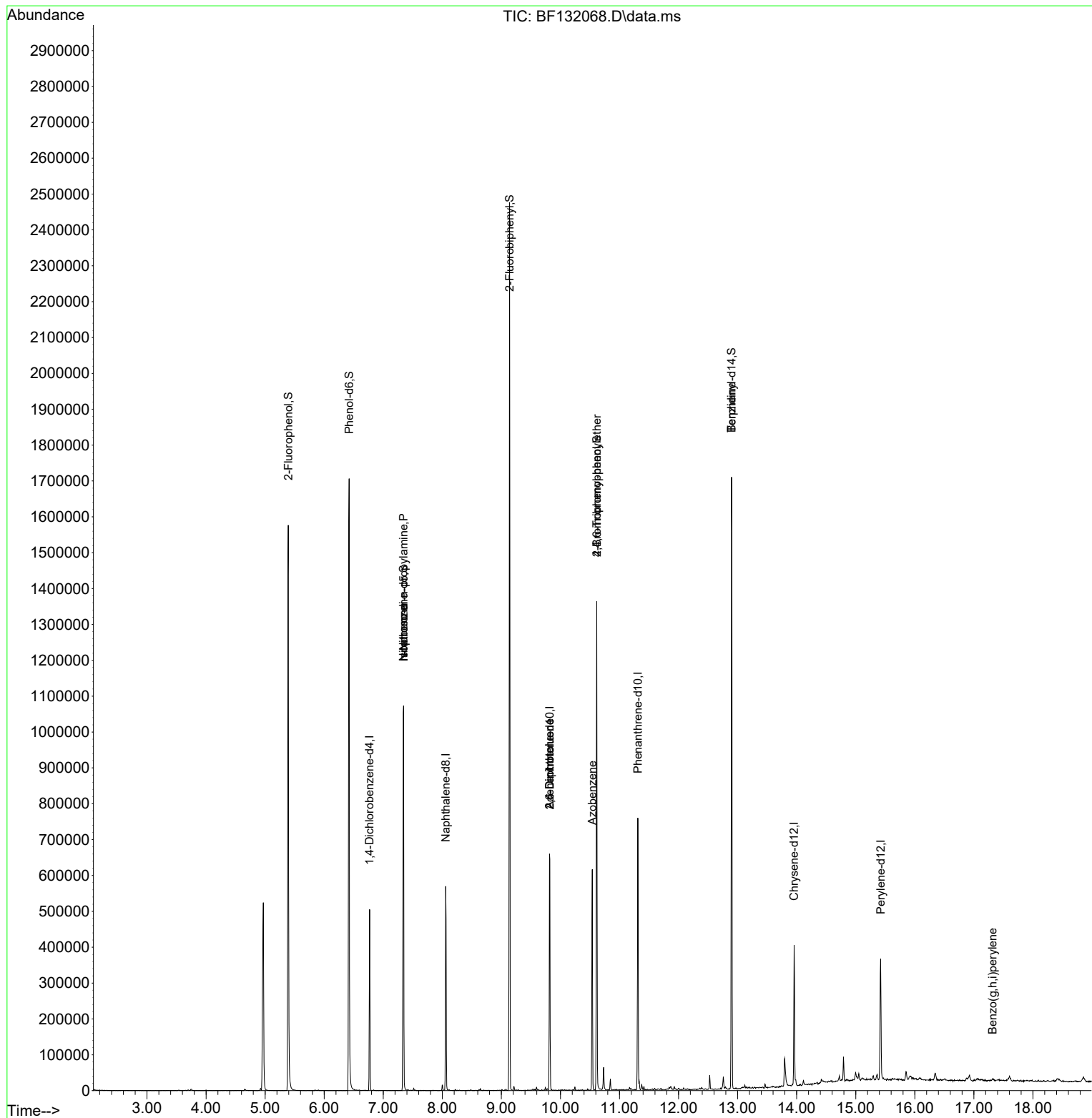
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	62531	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	229123	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	134588	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	244650	20.000	ng	0.00
76) Chrysene-d12	13.957	240	122288	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	140106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	415811	109.572	ng	0.01
7) Phenol-d6	6.422	99	554635	110.232	ng	0.00
23) Nitrobenzene-d5	7.345	82	385421	69.815	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	132361	85.534	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	653780	65.576	ng	0.00
79) Terphenyl-d14	12.898	244	579681	67.941	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	54034	14.846	ng	# 76
25) Isophorone	7.345	82	385413	37.371	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	17535	7.947	ng	# 23
57) 2,4-Dinitrotoluene	9.816	165	17535	5.944	ng	# 14
63) Azobenzene	10.539	77	110875	10.132	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	9388	3.067	ng	# 1
77) Benzidine	12.898	184	9393	2.312	ng	# 91
92) Benzo(g,h,i)perylene	17.315	276	3571	3.954	ng	98

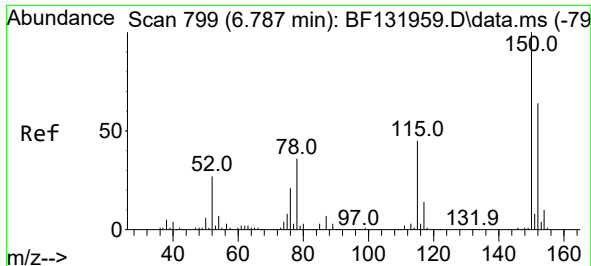
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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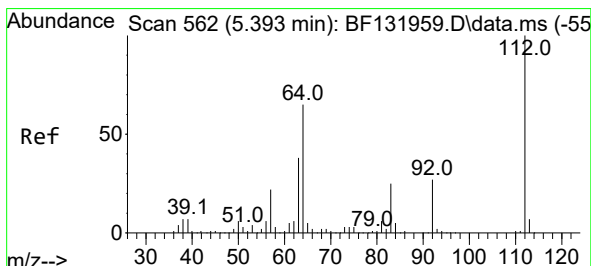
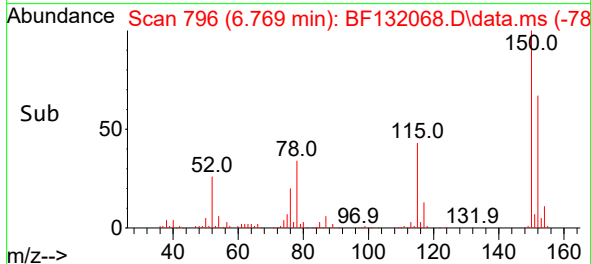
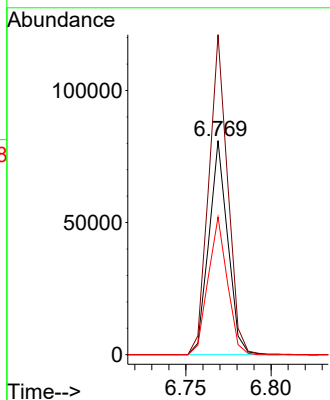
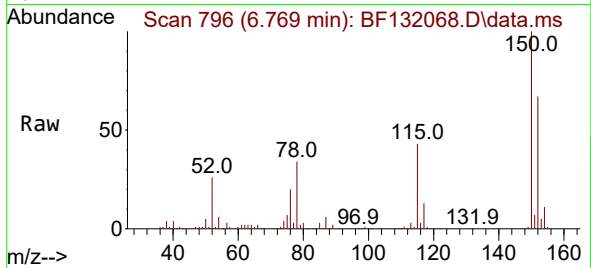




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132068.D
 Acq: 13 Jan 2023 20:00

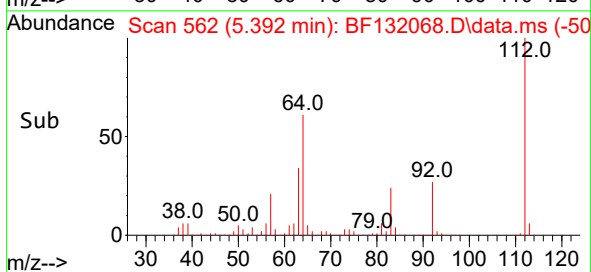
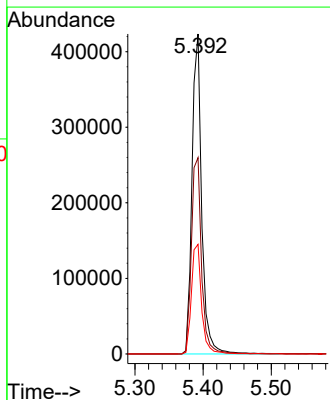
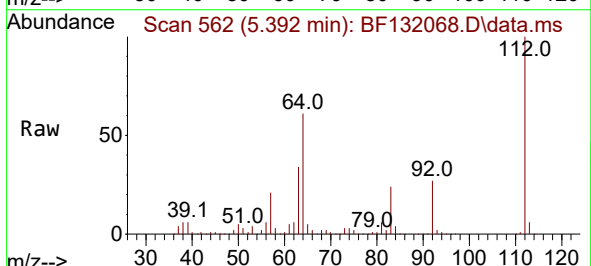
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

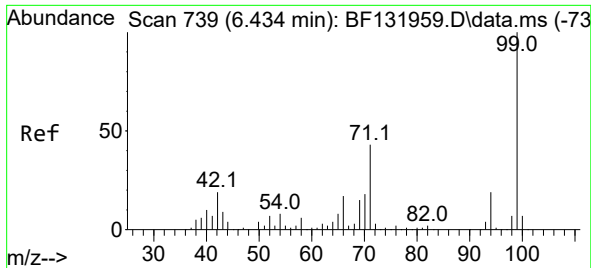
Tgt Ion:152 Resp: 62531
 Ion Ratio Lower Upper
 152 100
 150 149.5 124.6 186.8
 115 64.3 55.6 83.4



#5
 2-Fluorophenol
 Concen: 109.572 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF132068.D
 Acq: 13 Jan 2023 20:00

Tgt Ion:112 Resp: 415811
 Ion Ratio Lower Upper
 112 100
 64 61.4 51.9 77.9
 63 34.2 30.2 45.2

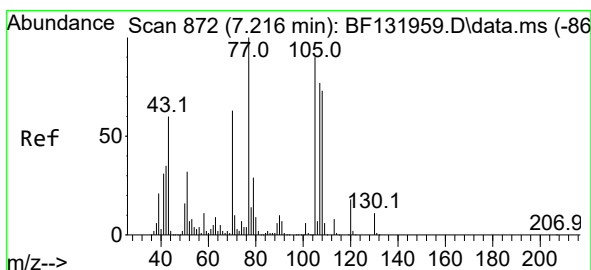
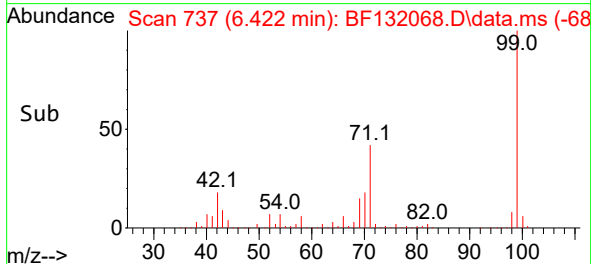
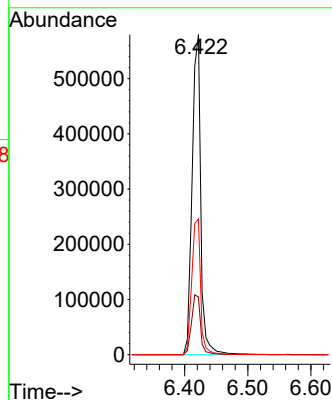
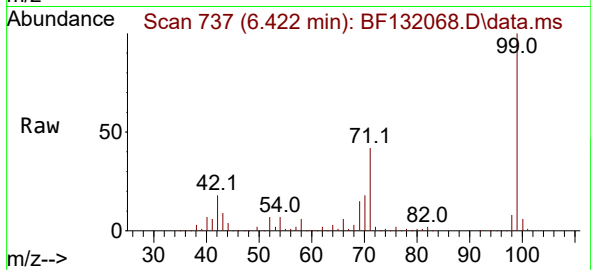




#7
Phenol-d6
Concen: 110.232 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

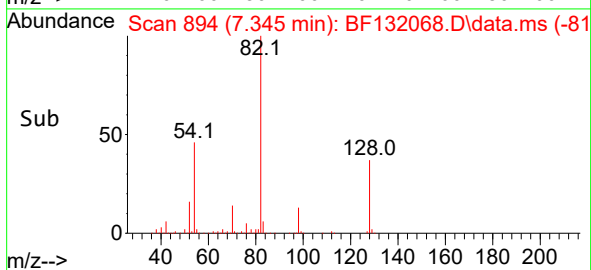
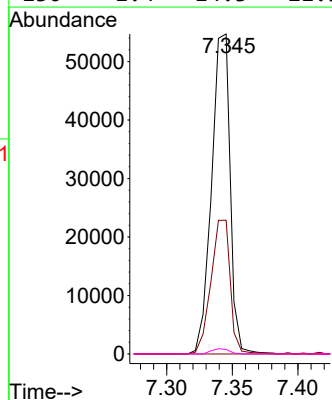
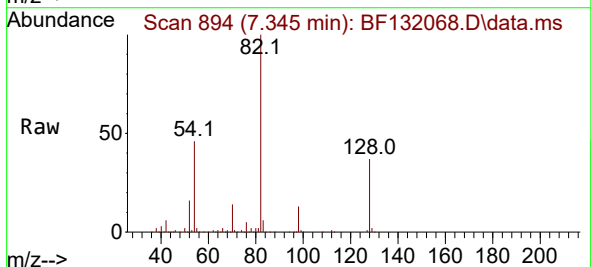
Instrument :
BNA_F
ClientSampleId :
WC-3

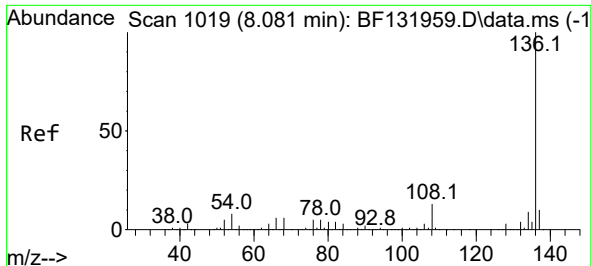
Tgt Ion: 99 Resp: 554635
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.2
71 42.4 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.846 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

Tgt Ion: 70 Resp: 54034
Ion Ratio Lower Upper
70 100
42 41.8 44.3 66.5#
101 0.0 7.5 11.3#
130 1.4 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF132068.D

Acq: 13 Jan 2023 20:00

Instrument :

BNA_F

ClientSampleId :

WC-3

Tgt Ion:136 Resp: 229123

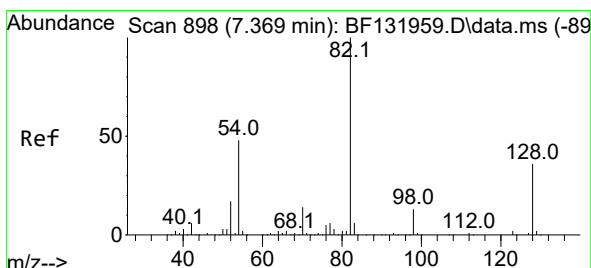
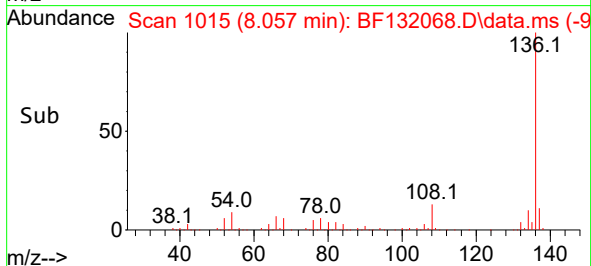
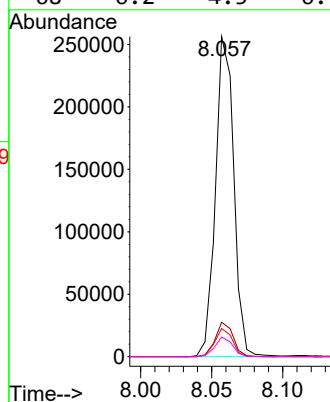
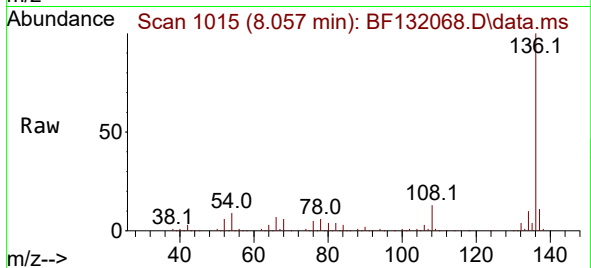
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 8.8 6.6 9.8

68 6.2 4.5 6.7



#23

Nitrobenzene-d5

Concen: 69.815 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF132068.D

Acq: 13 Jan 2023 20:00

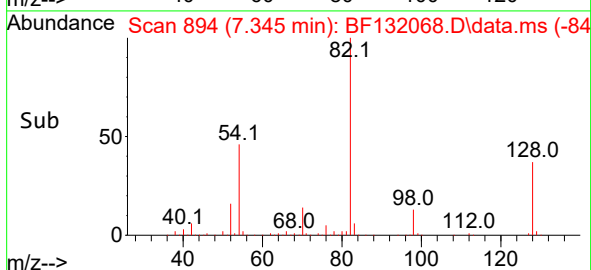
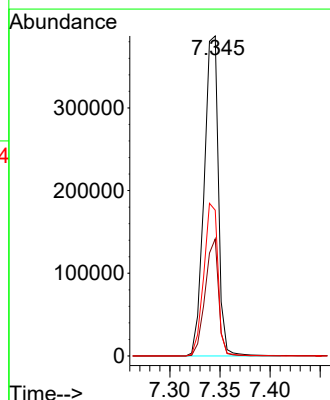
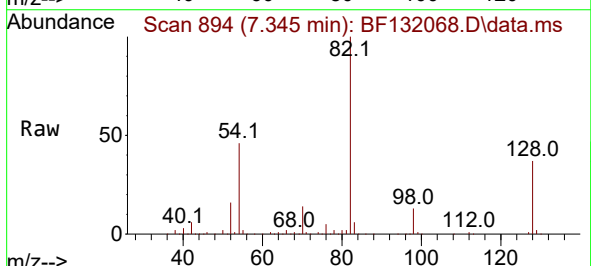
Tgt Ion: 82 Resp: 385421

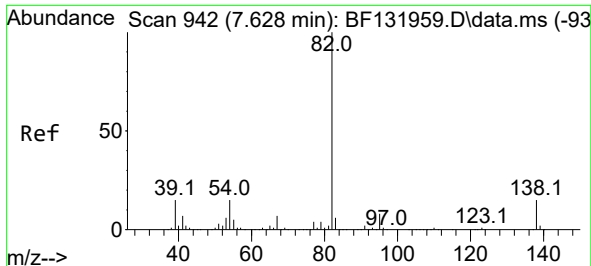
Ion Ratio Lower Upper

82 100

128 36.6 28.7 43.1

54 45.6 38.1 57.1

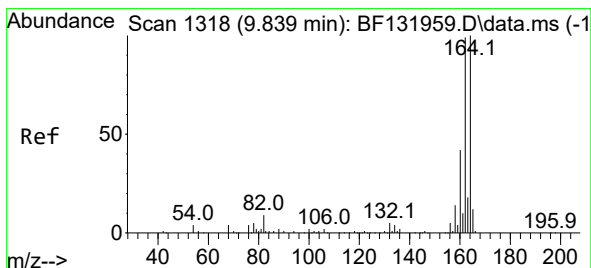
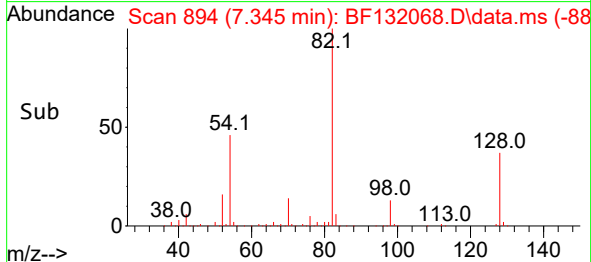
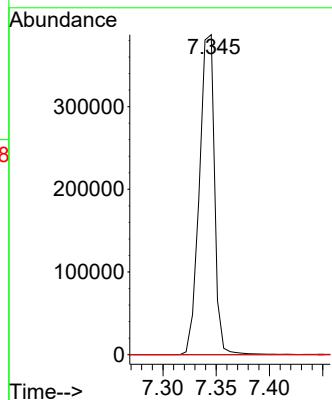
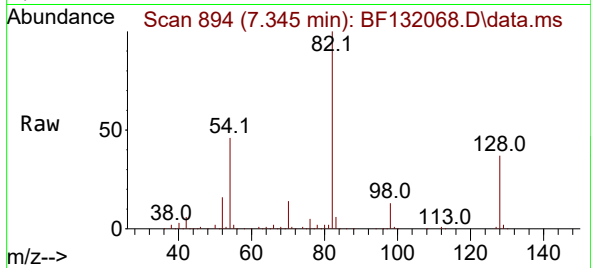




#25
Isophorone
Concen: 37.371 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

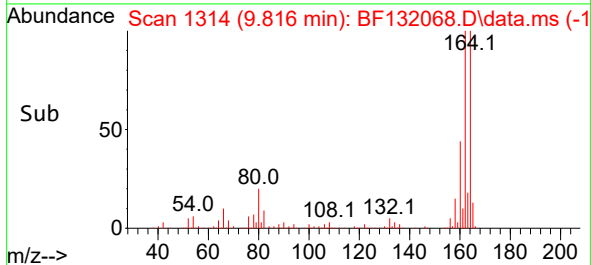
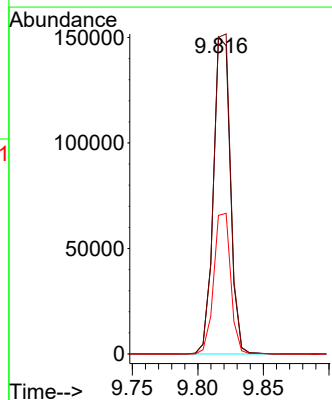
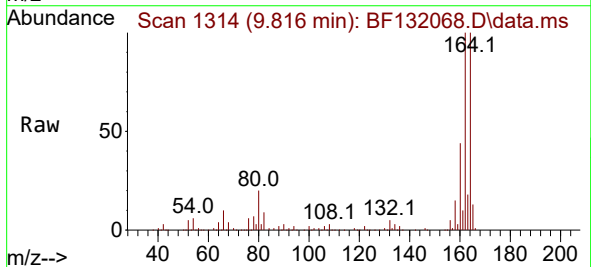
Instrument :
BNA_F
ClientSampleId :
WC-3

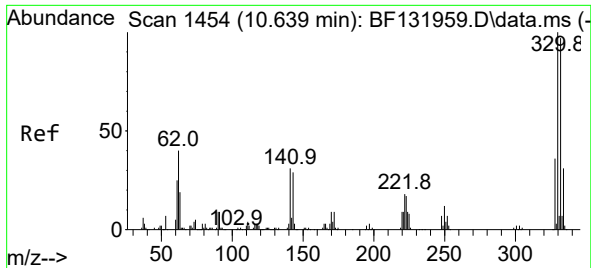
Tgt Ion: 82 Resp: 385413
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

Tgt Ion:164 Resp: 134588
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 43.7 33.9 50.9

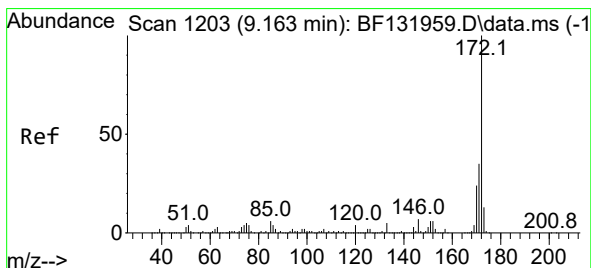
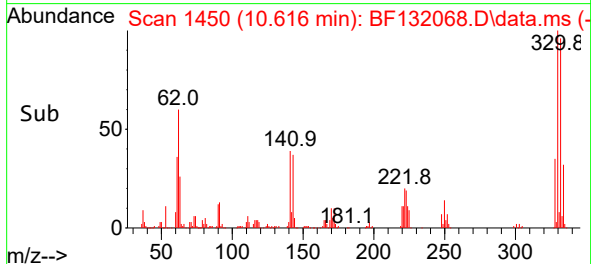
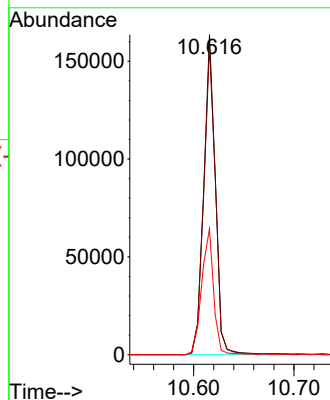
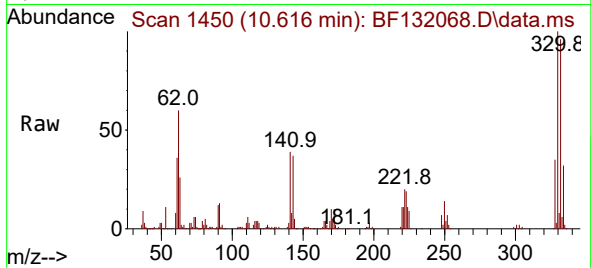




#42
2,4,6-Tribromophenol
Concen: 85.534 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

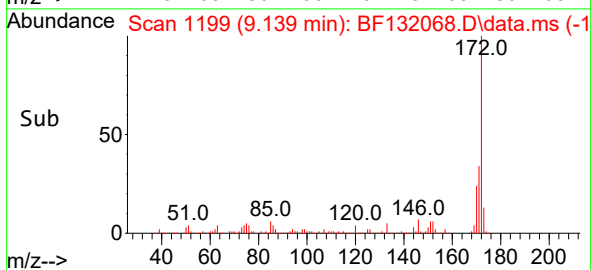
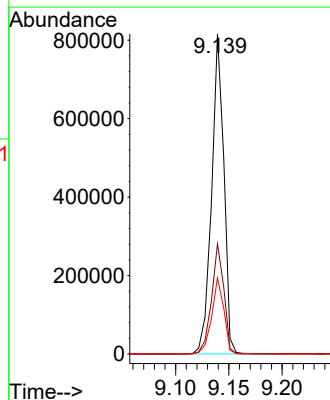
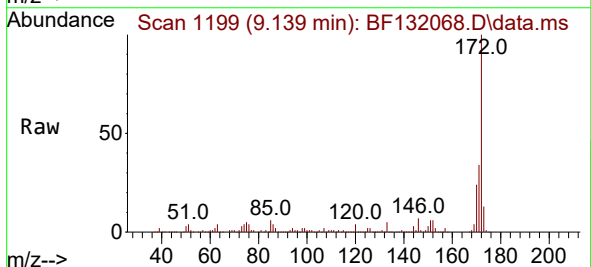
Instrument :
BNA_F
ClientSampleId :
WC-3

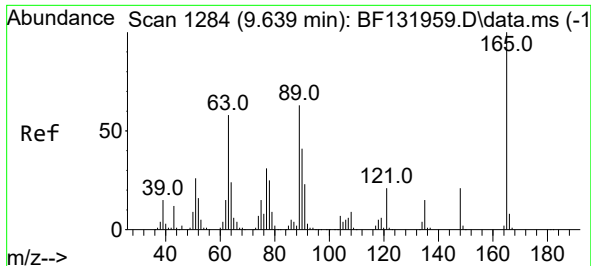
Tgt Ion:330 Resp: 132361
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 40.4 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 65.576 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

Tgt Ion:172 Resp: 653780
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.8 18.9 28.3

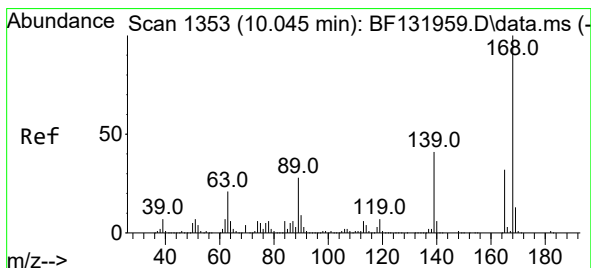
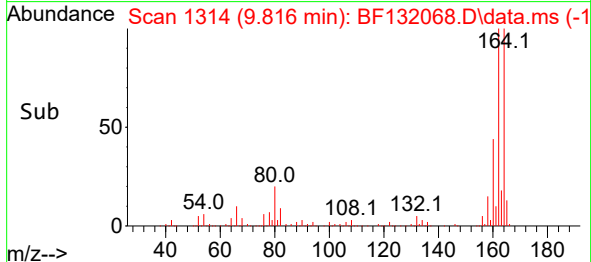
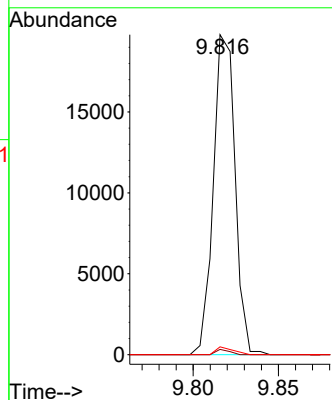
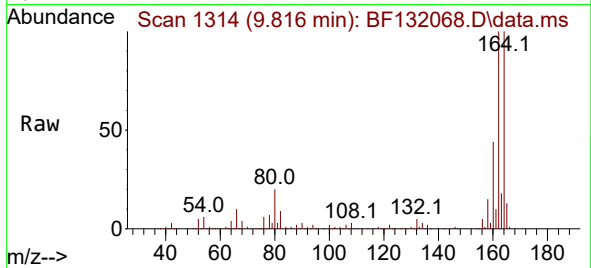




#51
2,6-Dinitrotoluene
Concen: 7.947 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

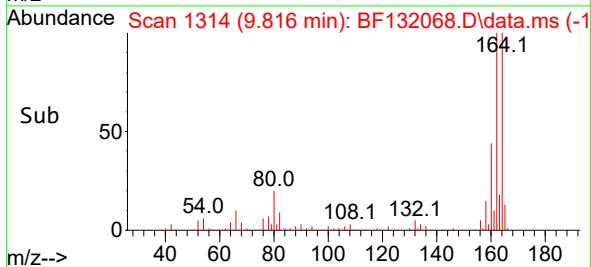
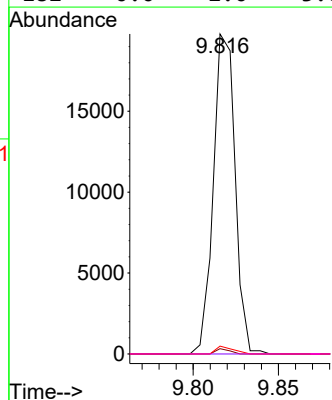
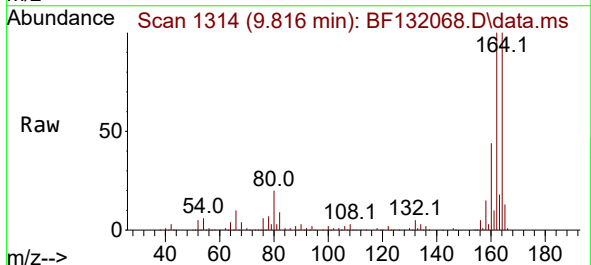
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ClientSampleId :
WC-3

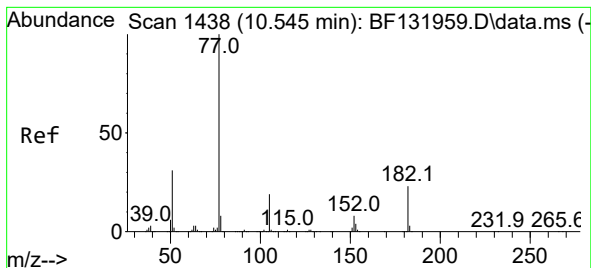
Tgt Ion:165 Resp: 17535
Ion Ratio Lower Upper
165 100
63 1.7 47.4 71.0#
89 2.5 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.944 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

Tgt Ion:165 Resp: 17535
Ion Ratio Lower Upper
165 100
63 1.7 53.2 79.8#
89 2.5 71.2 106.8#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 10.132 ng

RT: 10.539 min Scan# 1437

Delta R.T. 0.012 min

Lab File: BF132068.D

Acq: 13 Jan 2023 20:00

Instrument :

BNA_F

ClientSampleId :

WC-3

Tgt Ion: 77 Resp: 110875

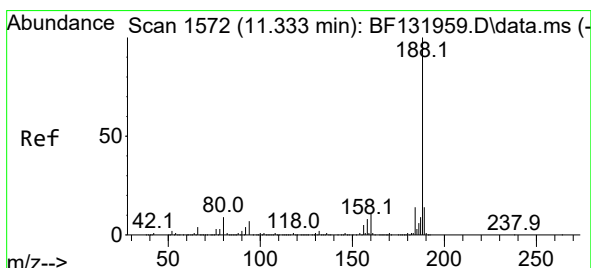
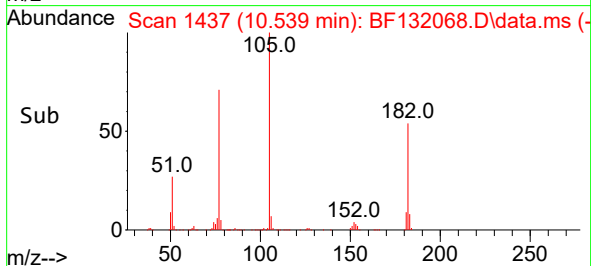
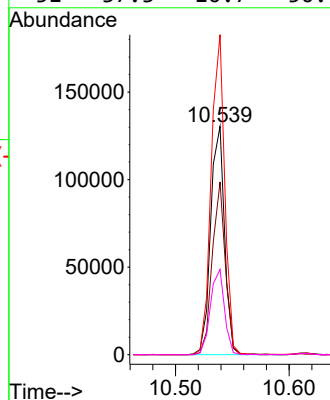
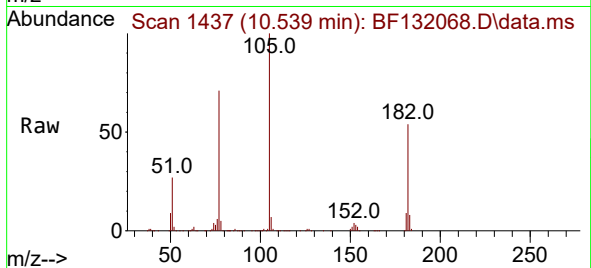
Ion Ratio Lower Upper

77 100

182 75.7 2.9 42.9#

105 140.2 0.0 39.3#

51 37.3 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF132068.D

Acq: 13 Jan 2023 20:00

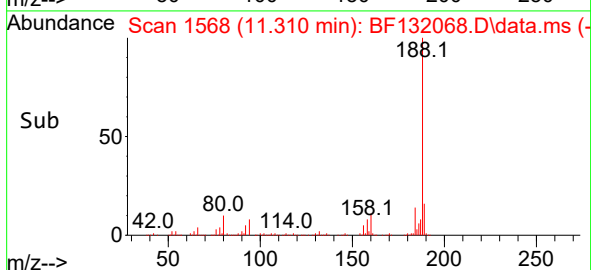
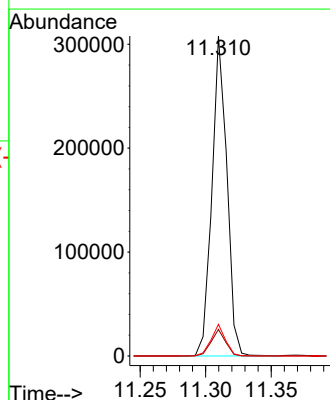
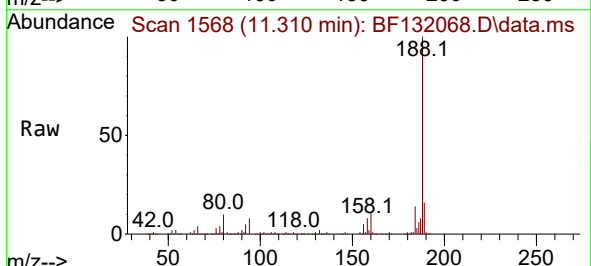
Tgt Ion: 188 Resp: 244650

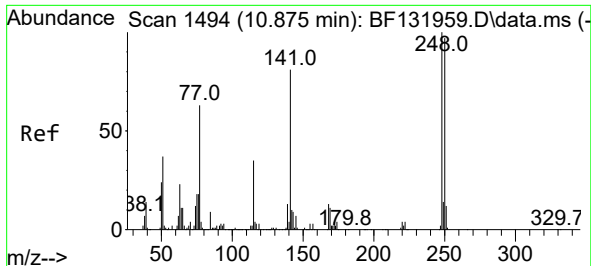
Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.6

80 9.9 7.4 11.0

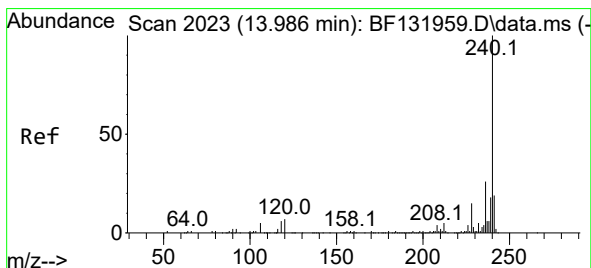
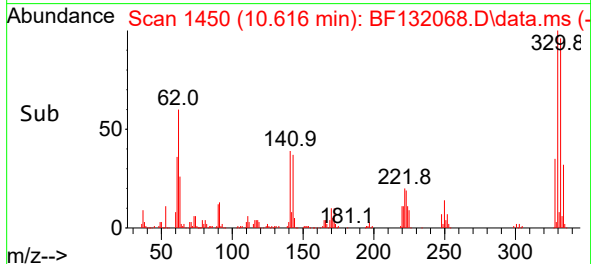
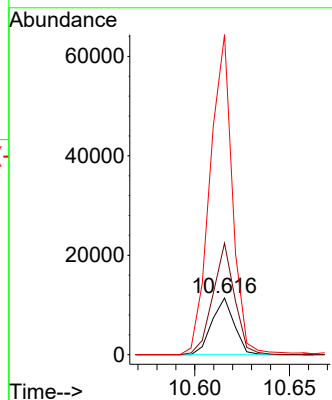
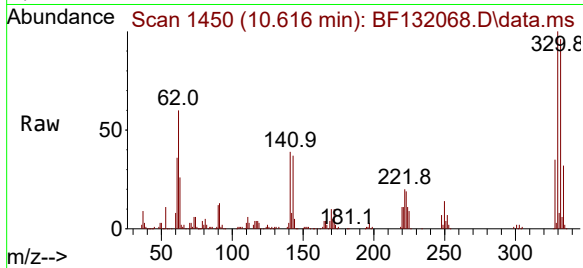




#67
4-Bromophenyl-phenylether
Concen: 3.067 ng
RT: 10.616 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

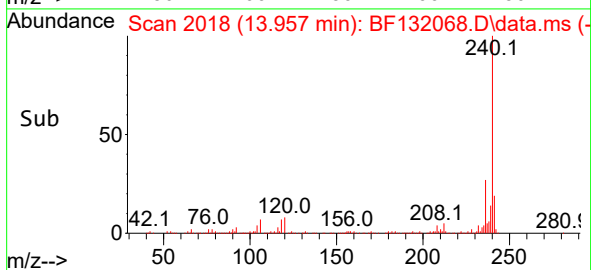
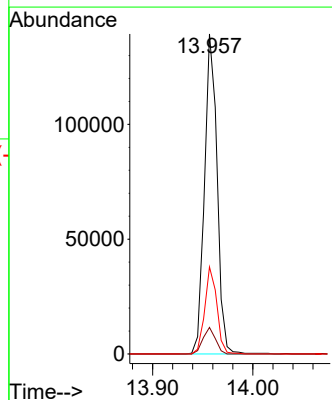
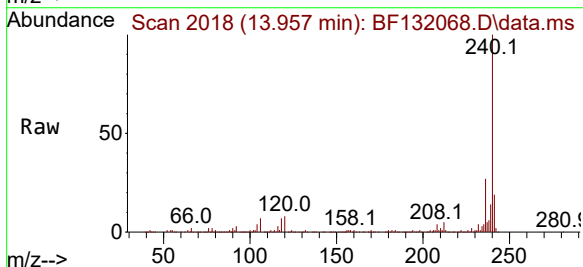
Instrument :
BNA_F
ClientSampleId :
WC-3

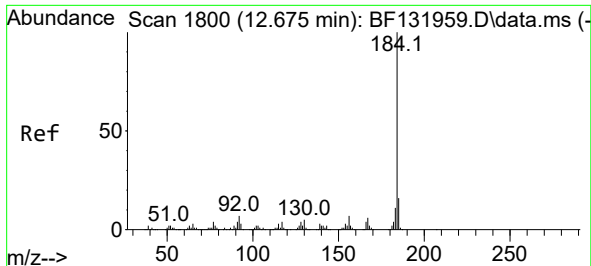
Tgt Ion:248 Resp: 9388
Ion Ratio Lower Upper
248 100
250 196.9 77.4 116.2#
141 564.9 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

Tgt Ion:240 Resp: 122288
Ion Ratio Lower Upper
240 100
120 8.3 5.4 8.0#
236 27.2 21.1 31.7

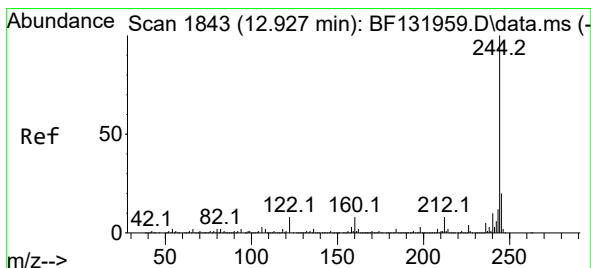
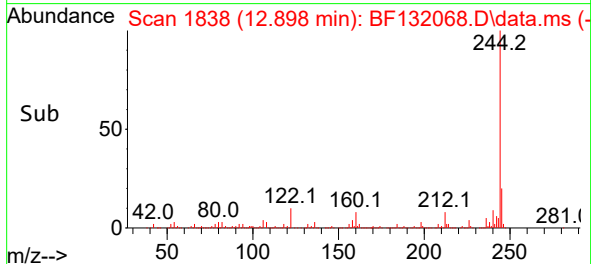
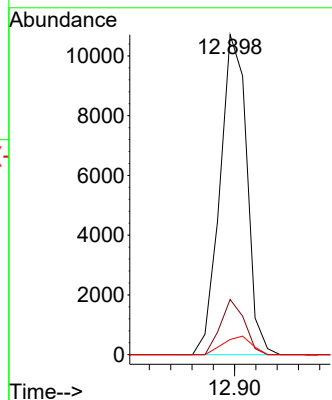
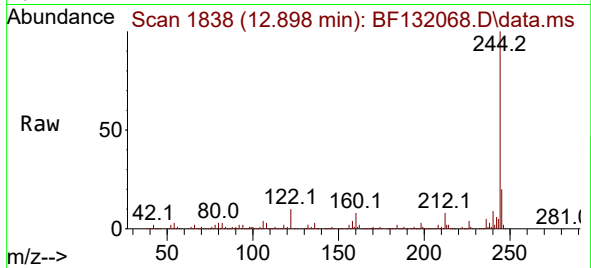




#77
Benzidine
Concen: 2.312 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.241 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

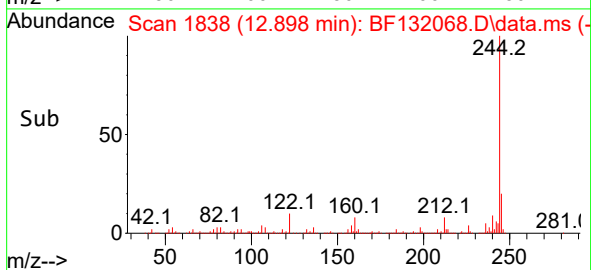
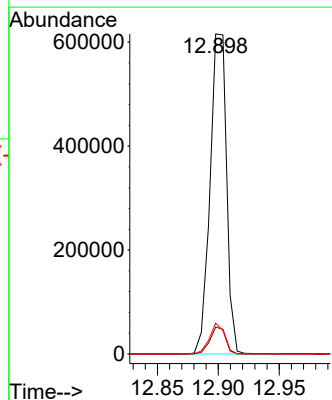
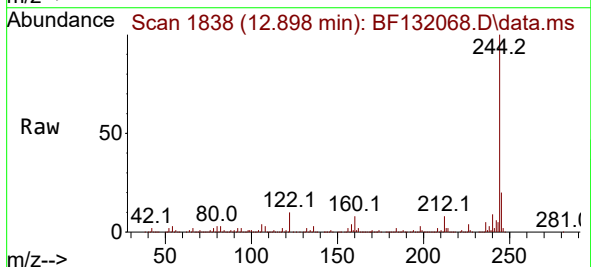
Instrument :
BNA_F
ClientSampleId :
WC-3

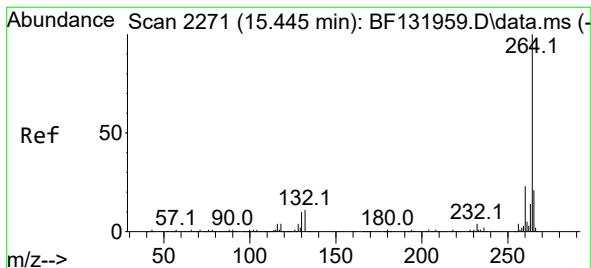
Tgt Ion:184 Resp: 9393
Ion Ratio Lower Upper
184 100
185 17.3 12.8 19.2
183 4.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 67.941 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF132068.D
Acq: 13 Jan 2023 20:00

Tgt Ion:244 Resp: 579681
Ion Ratio Lower Upper
244 100
212 8.4 6.3 9.5
122 9.6 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF132068.D

Acq: 13 Jan 2023 20:00

Instrument :

BNA_F

ClientSampleId :

WC-3

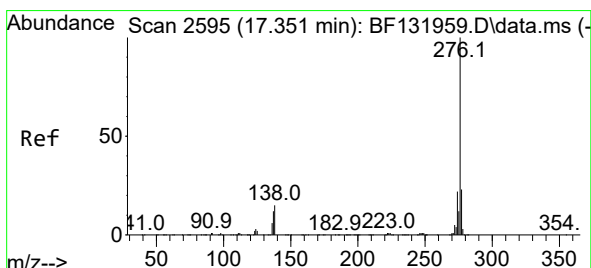
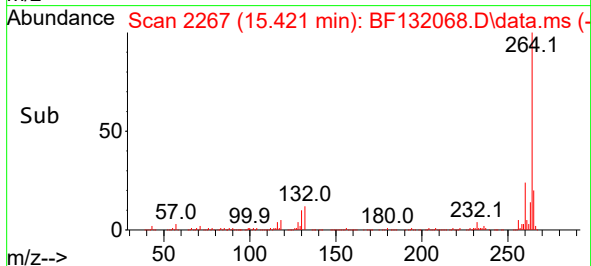
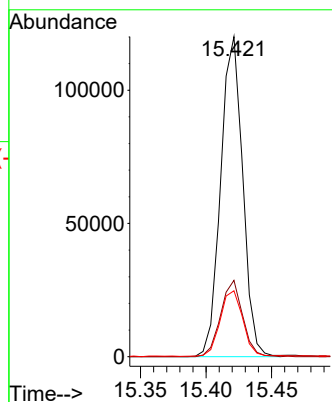
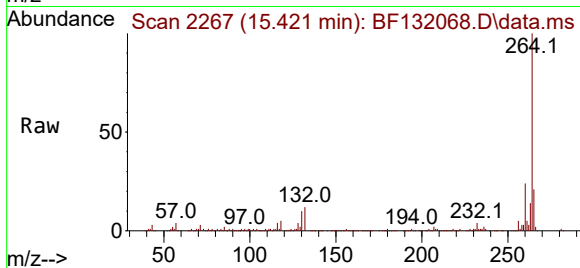
Tgt Ion:264 Resp: 140106

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 20.6 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 3.954 ng

RT: 17.315 min Scan# 2589

Delta R.T. -0.000 min

Lab File: BF132068.D

Acq: 13 Jan 2023 20:00

Tgt Ion:276 Resp: 3571

Ion Ratio Lower Upper

276 100

277 21.8 18.2 27.2

138 15.5 11.7 17.5

