

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134423.D
 Acq On : 22 Jul 2023 15:36
 Operator : CG\JU
 Sample : 03607-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-2

Quant Time: Jul 23 04:42:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

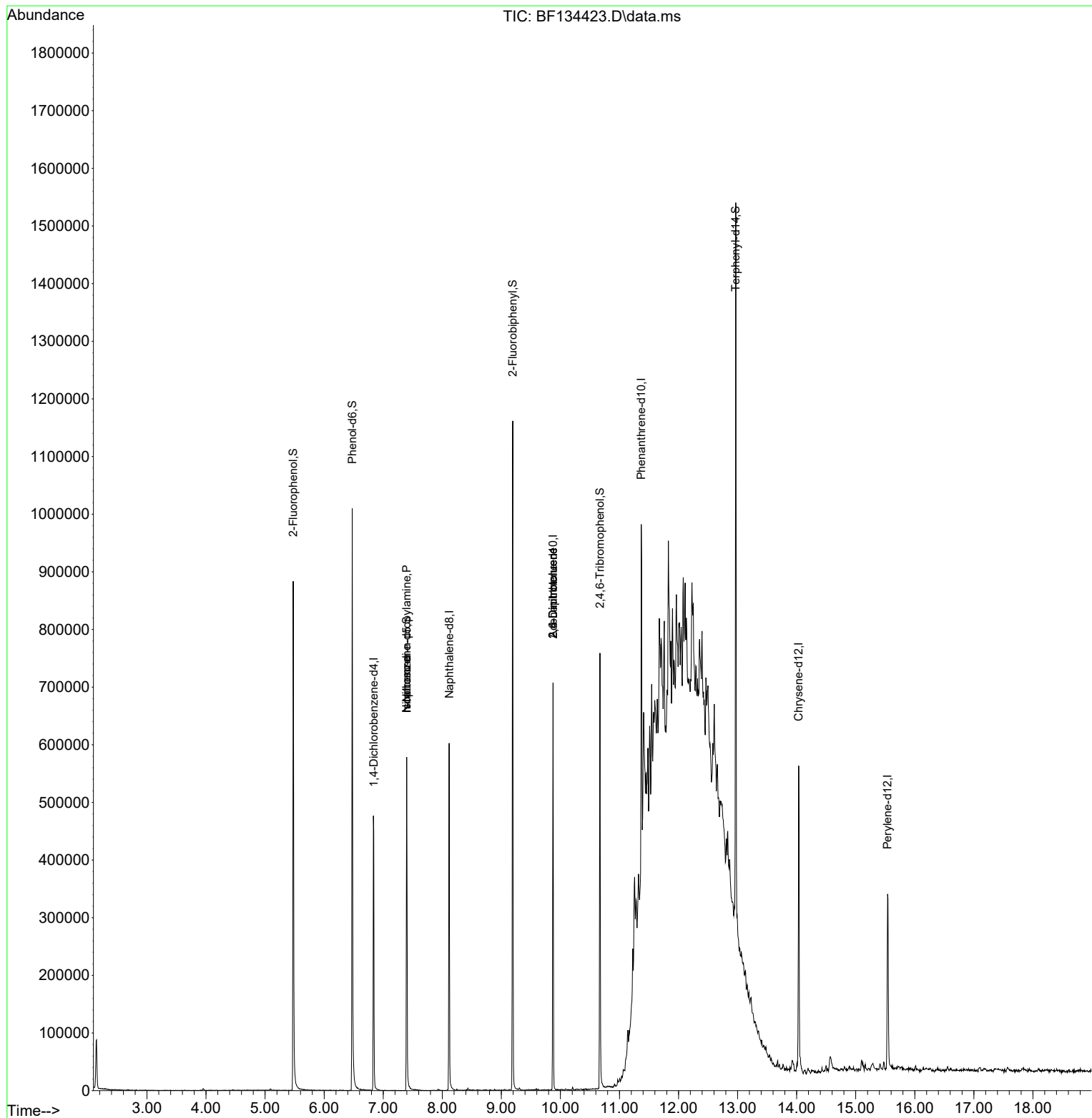
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	74740	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	243252	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	121308	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	235357	20.000	ng	0.00
76) Chrysene-d12	14.033	240	170701	20.000	ng	0.00
86) Perylene-d12	15.539	264	156732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	228180	51.069	ng	0.00
7) Phenol-d6	6.475	99	278935	50.763	ng	-0.01
23) Nitrobenzene-d5	7.398	82	163472	36.226	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	91664	60.267	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	332591	39.861	ng	-0.01
79) Terphenyl-d14	12.969	244	382854	36.097	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	431	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	22149	6.356	ng	# 79
25) Isophorone	7.398	82	163471	19.932	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	15829	8.346	ng	# 23
57) 2,4-Dinitrotoluene	9.875	165	15829	6.320	ng	# 22

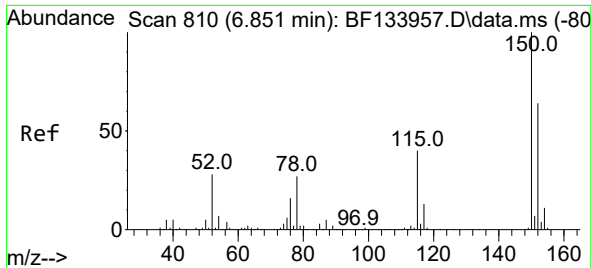
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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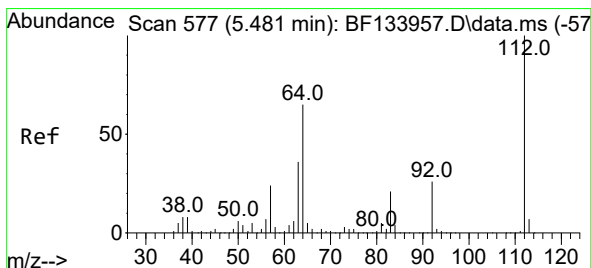
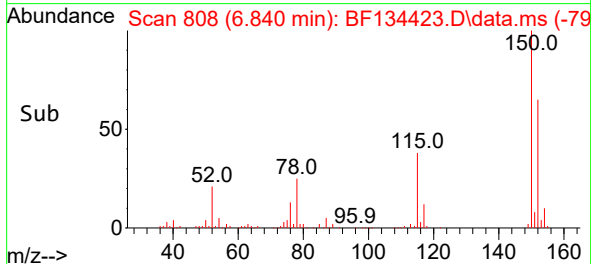
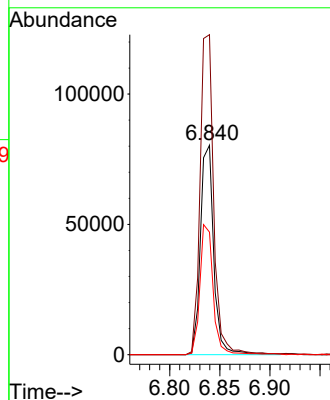
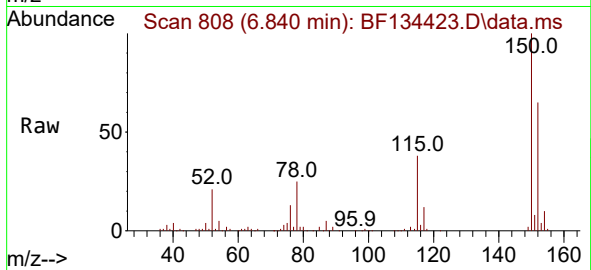




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134423.D
 Acq: 22 Jul 2023 15:36

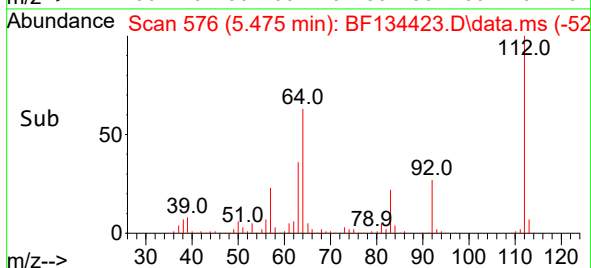
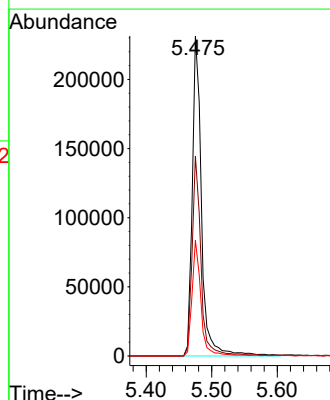
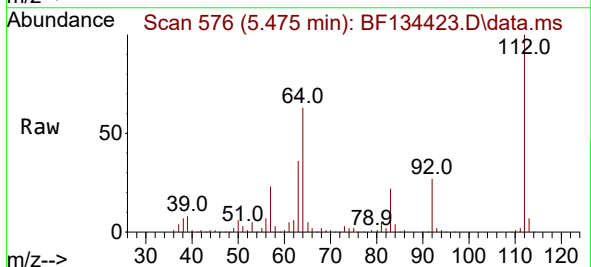
Instrument :
 BNA_F
 ClientSampleId :
 SW-2

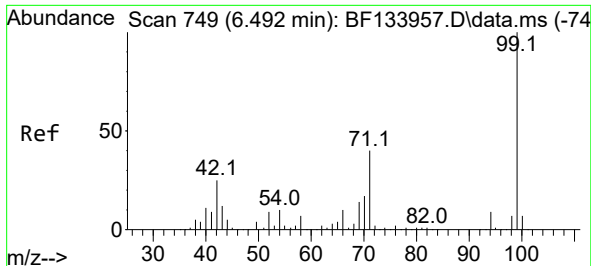
Tgt Ion:152 Resp: 74740
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.5 186.7
 115 58.5 50.2 75.2



#5
 2-Fluorophenol
 Concen: 51.069 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF134423.D
 Acq: 22 Jul 2023 15:36

Tgt Ion:112 Resp: 228180
 Ion Ratio Lower Upper
 112 100
 64 62.5 52.1 78.1
 63 36.2 28.6 42.8

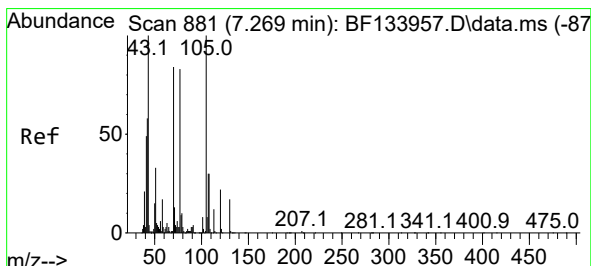
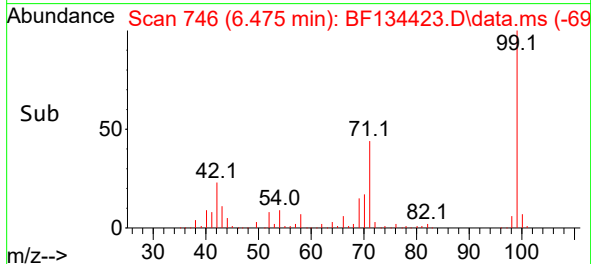
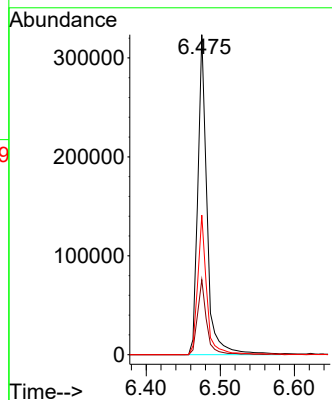
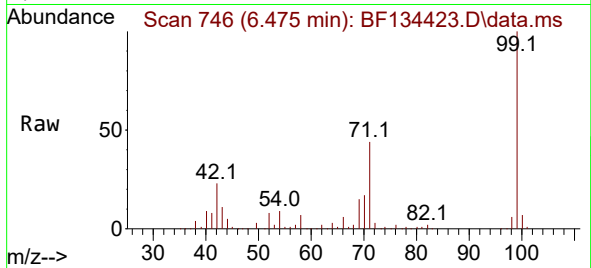




#7
Phenol-d6
Concen: 50.763 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

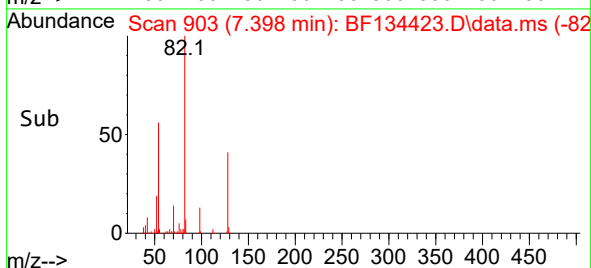
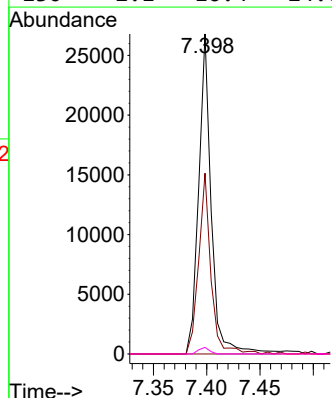
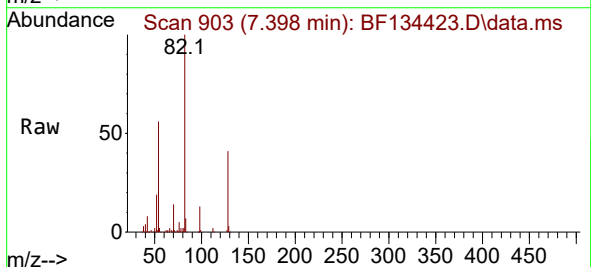
Instrument :
BNA_F
ClientSampleId :
SW-2

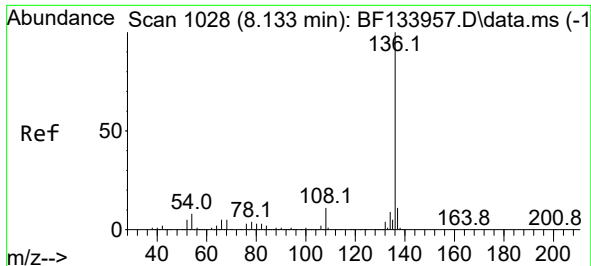
Tgt Ion: 99 Resp: 278935
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 43.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 6.356 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion: 70 Resp: 22149
Ion Ratio Lower Upper
70 100
42 56.5 54.7 82.1
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#



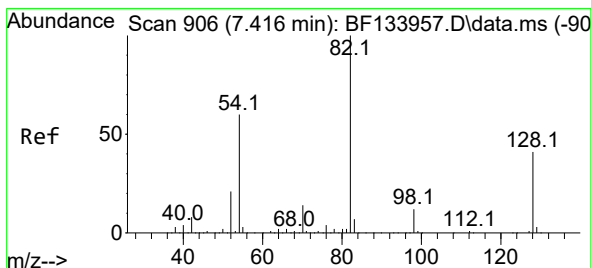
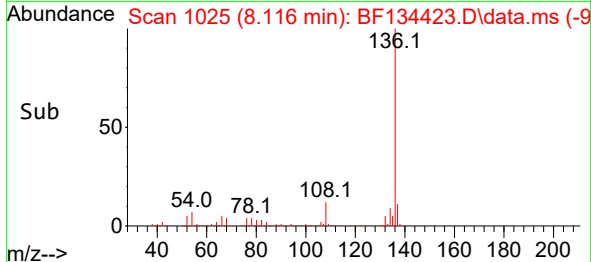
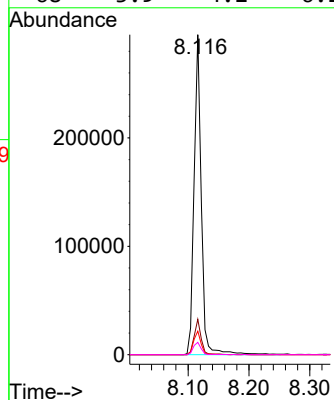
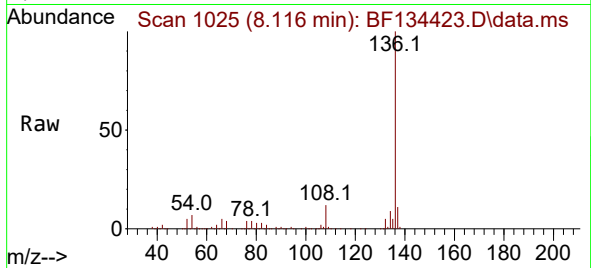


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:136 Resp: 243252

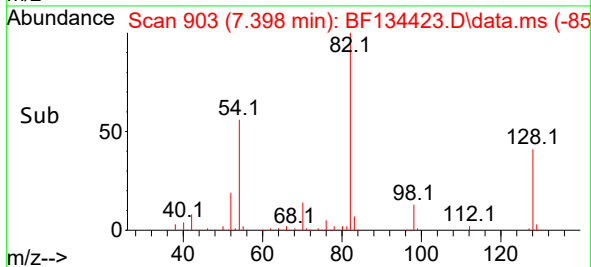
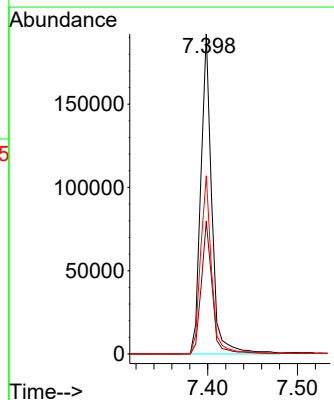
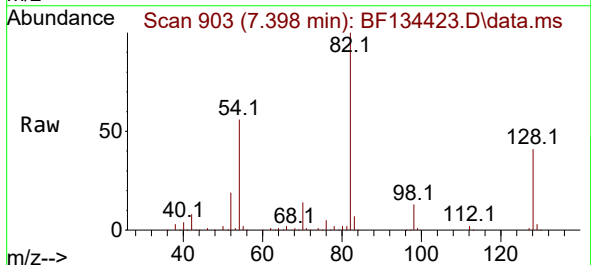
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.3	6.5	9.7
68	3.9	4.2	6.2

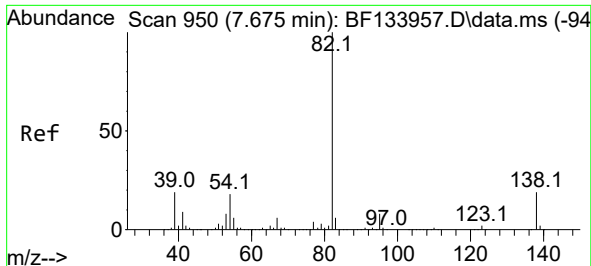


#23
Nitrobenzene-d5
Concen: 36.226 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion: 82 Resp: 163472

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.5	48.7
54	55.7	48.2	72.2

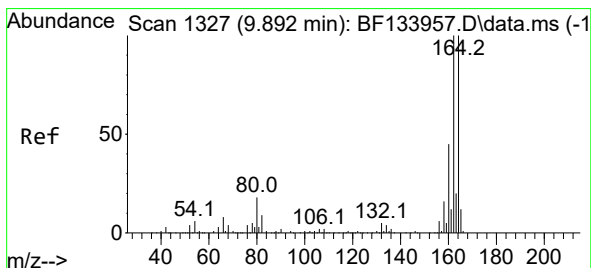
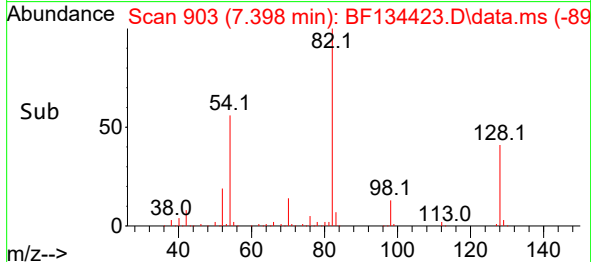
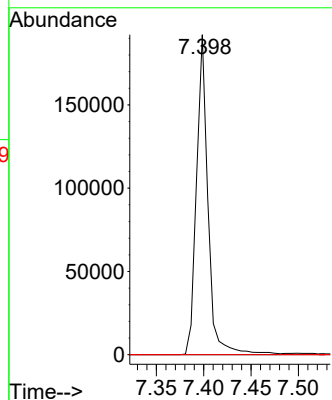
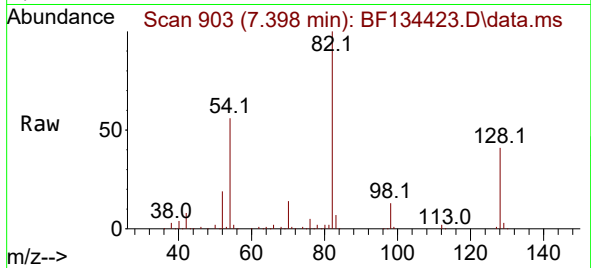




#25
Isophorone
Concen: 19.932 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

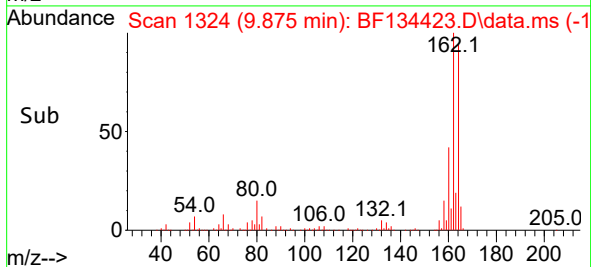
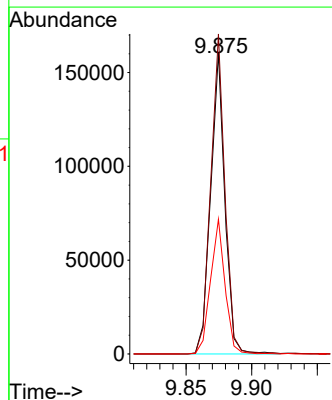
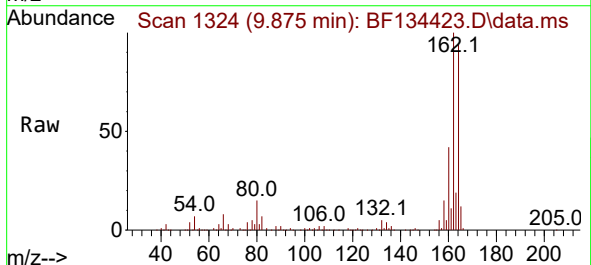
Instrument :
BNA_F
ClientSampleId :
SW-2

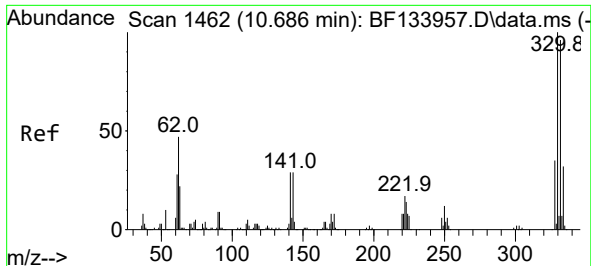
Tgt Ion: 82 Resp: 163471
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion:164 Resp: 121308
Ion Ratio Lower Upper
164 100
162 106.2 80.0 120.0
160 44.7 35.9 53.9

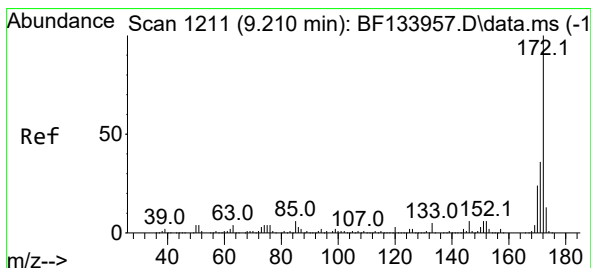
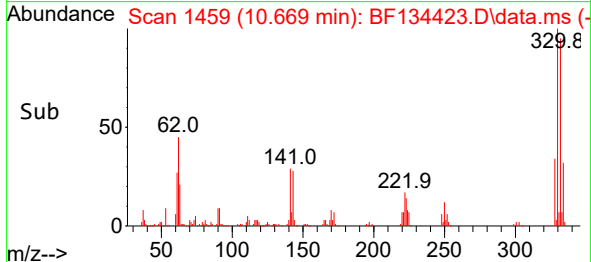
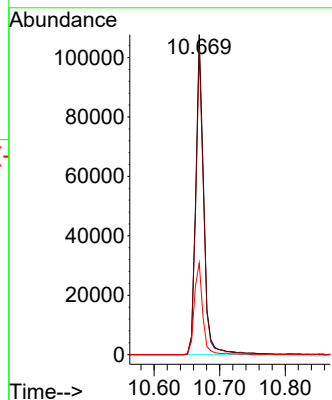
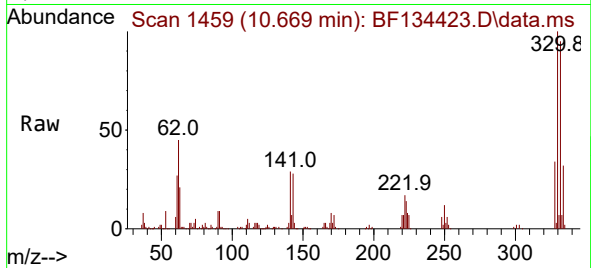




#42
2,4,6-Tribromophenol
Concen: 60.267 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

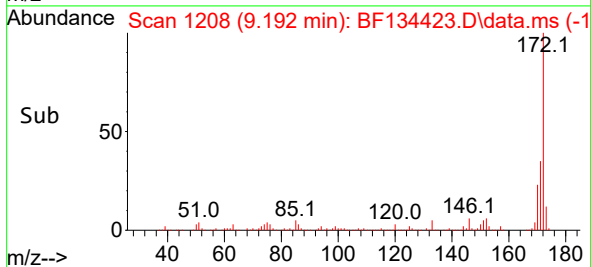
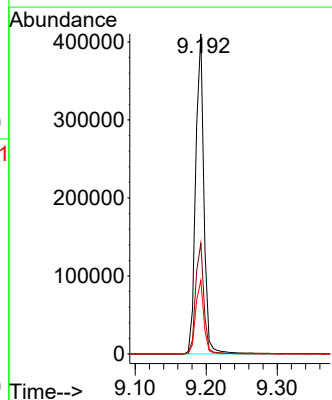
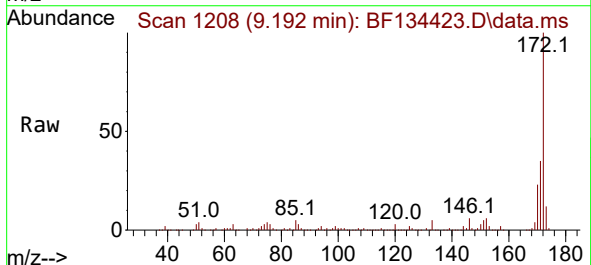
Instrument :
BNA_F
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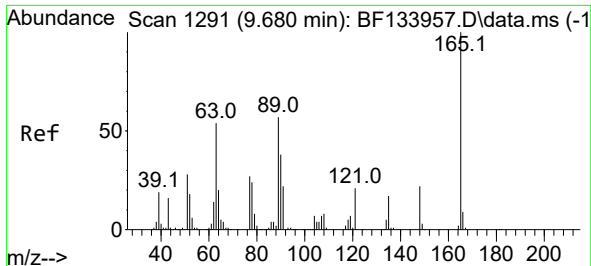
Tgt Ion: 330 Resp: 91664
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 30.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 39.861 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion: 172 Resp: 332591
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.0 19.4 29.0

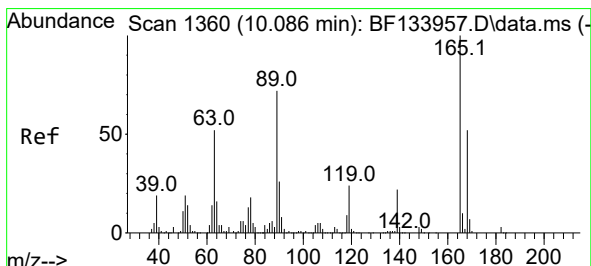
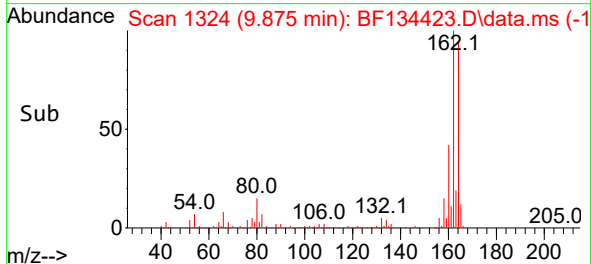
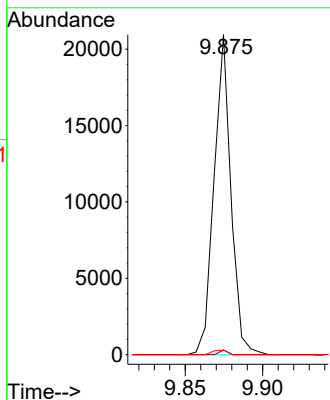
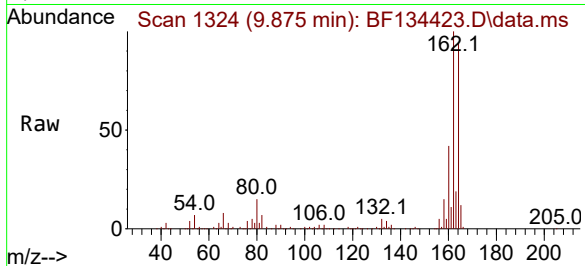




#51
2,6-Dinitrotoluene
Concen: 8.346 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

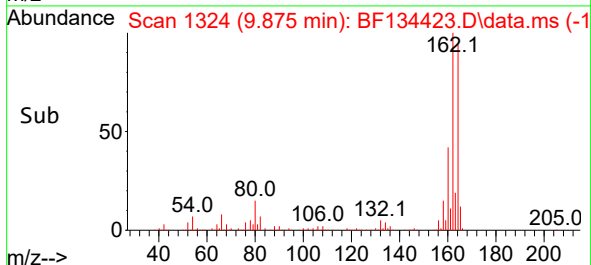
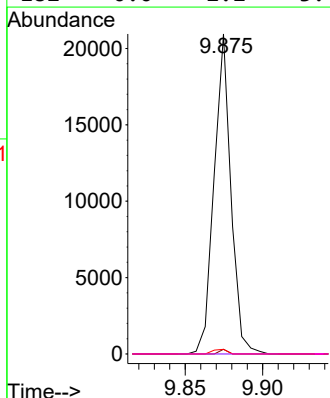
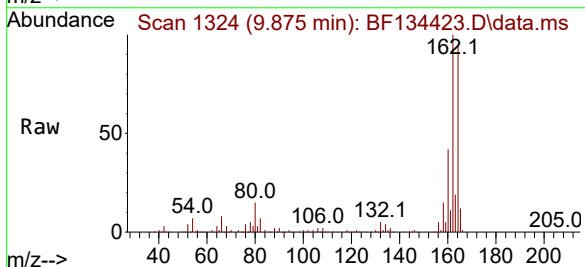
Instrument :
BNA_F
ClientSampleId :
SW-2

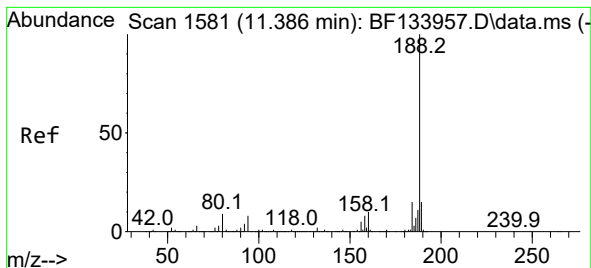
Tgt Ion:165 Resp: 15829
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.4 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.320 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134423.D
Acq: 22 Jul 2023 15:36

Tgt Ion:165 Resp: 15829
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.4 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134423.D

Acq: 22 Jul 2023 15:36

Instrument :

BNA_F

ClientSampleId :

SW-2

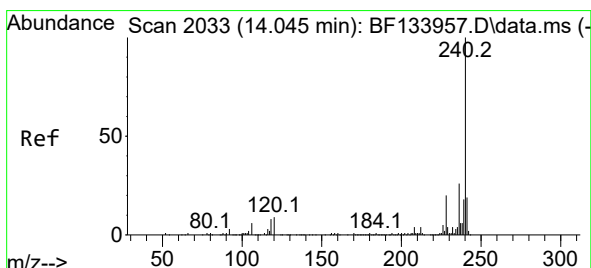
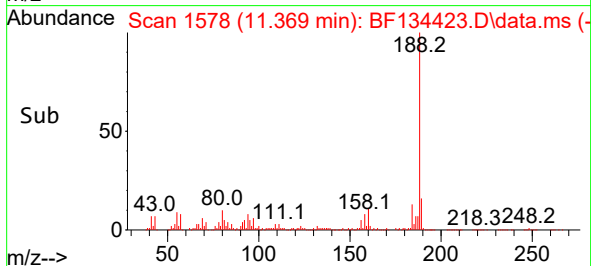
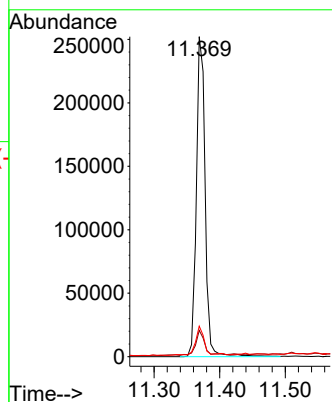
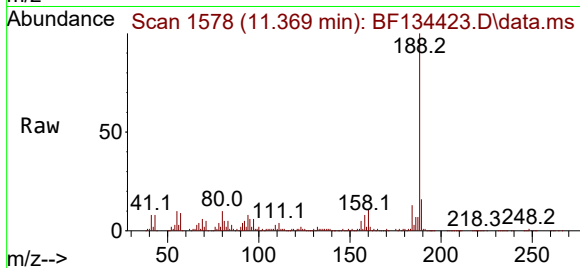
Tgt Ion:188 Resp: 235357

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134423.D

Acq: 22 Jul 2023 15:36

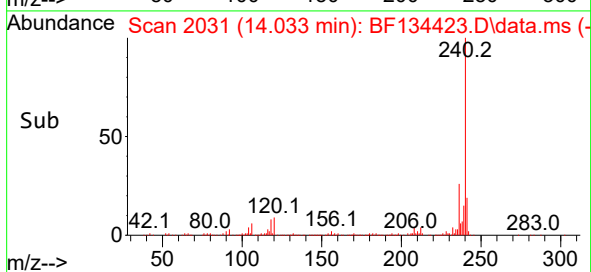
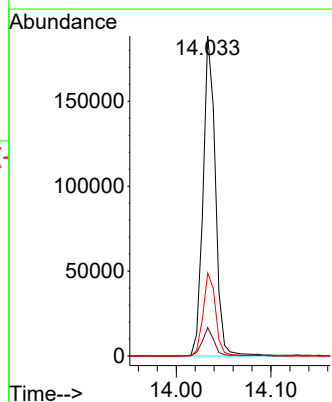
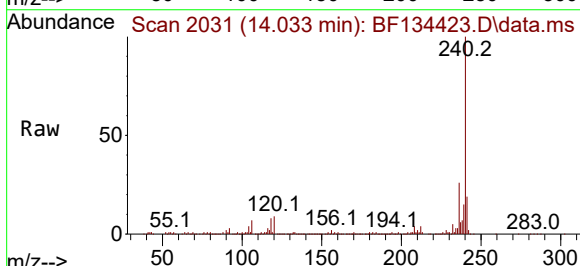
Tgt Ion:240 Resp: 170701

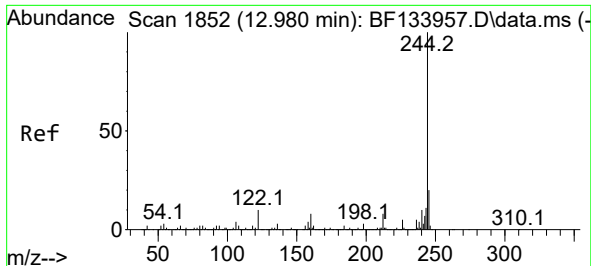
Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

236 25.9 21.0 31.6

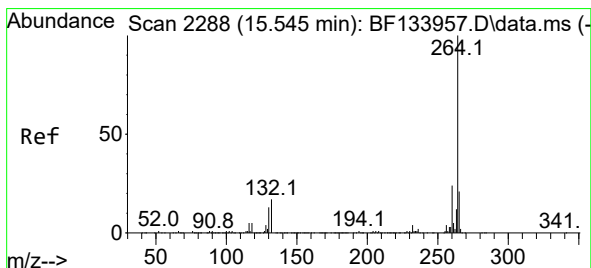
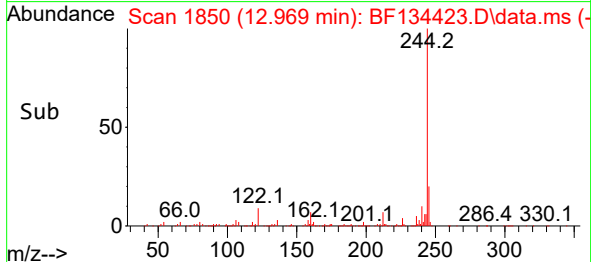
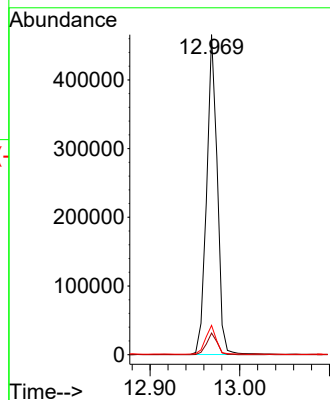
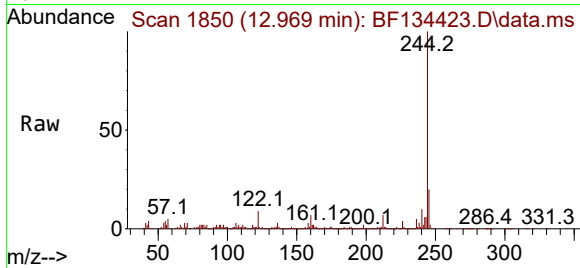




#79
 Terphenyl-d14
 Concen: 36.097 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134423.D
 Acq: 22 Jul 2023 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SW-2

Tgt Ion:244 Resp: 382854
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134423.D
 Acq: 22 Jul 2023 15:36

Tgt Ion:264 Resp: 156732
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.8 16.6 25.0

