

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132438.D
 Acq On : 16 Feb 2023 17:36
 Operator : CG\JU
 Sample : 01553-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-06

Quant Time: Feb 17 04:44:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

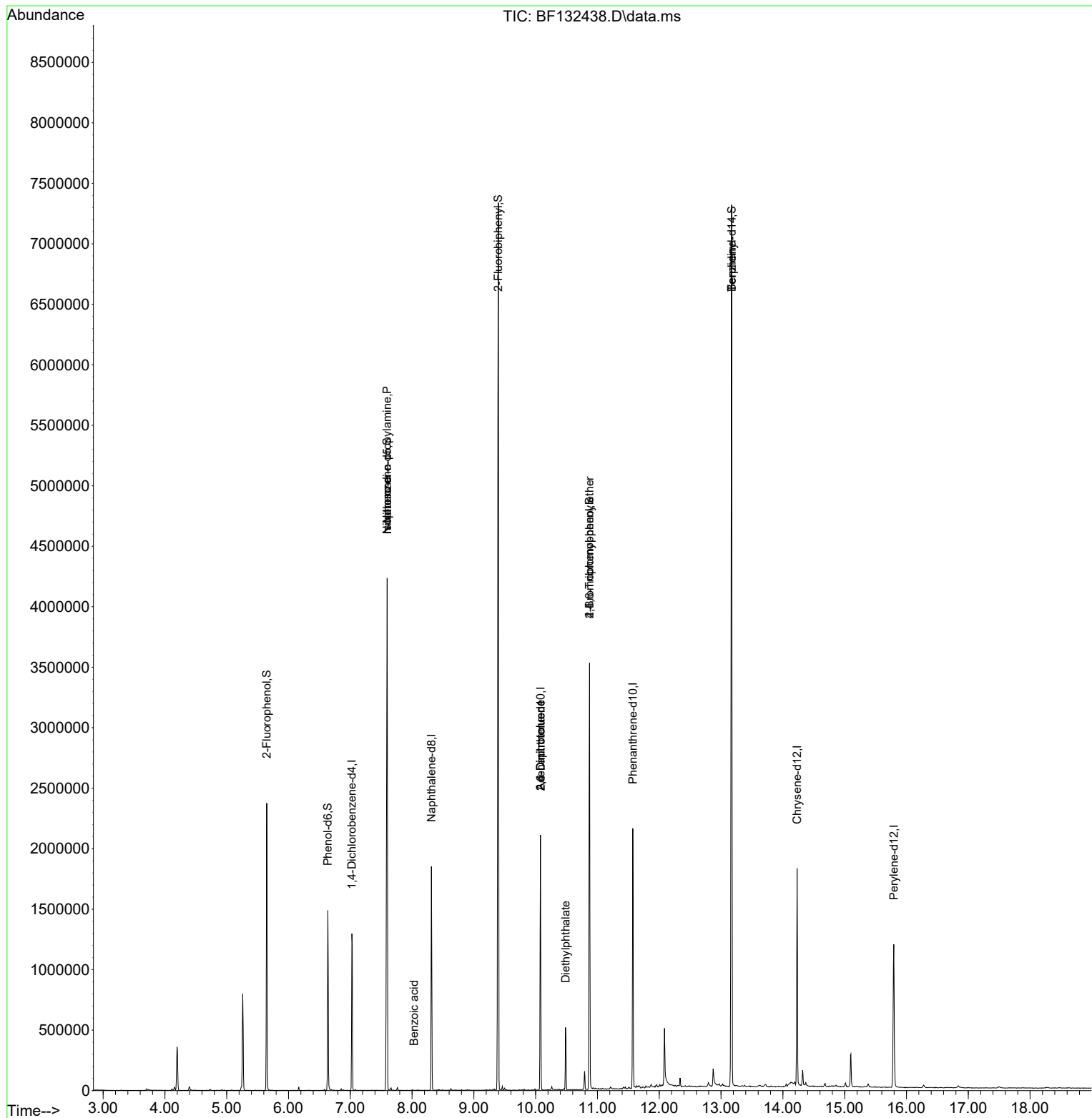
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	189839	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	708677	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	381268	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	746367	20.000	ng	0.00
76) Chrysene-d12	14.230	240	568401	20.000	ng	#-0.01
86) Perylene-d12	15.795	264	554669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	578288	48.811	ng	0.00
7) Phenol-d6	6.637	99	467567	30.224	ng	-0.01
23) Nitrobenzene-d5	7.595	82	1539633	104.389	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	382161	100.461	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2246515	90.994	ng	0.00
79) Terphenyl-d14	13.171	244	2715822	87.017	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.595	70	210904	22.238	ng	# 78
25) Isophorone	7.595	82	1538640	53.090	ng	# 68
32) Benzoic acid	8.031	122	61	7.156	ng	# 1
51) 2,6-Dinitrotoluene	10.078	165	50409	8.256	ng	# 20
57) 2,4-Dinitrotoluene	10.078	165	50409	6.271	ng	# 20
60) Diethylphthalate	10.483	149	165538	5.998	ng	# 98
67) 4-Bromophenyl-phenylether	10.872	248	26461	3.235	ng	# 1
77) Benzidine	13.171	184	42202	3.487	ng	# 91

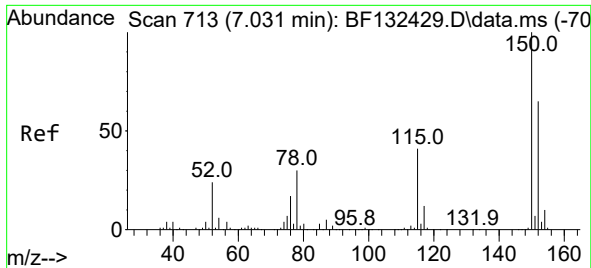
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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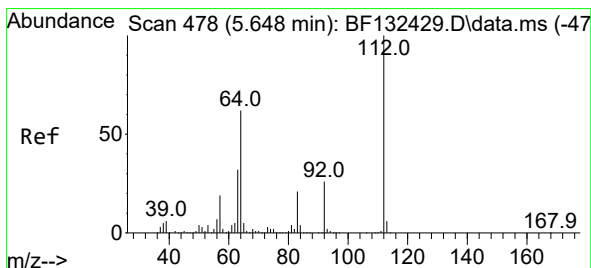
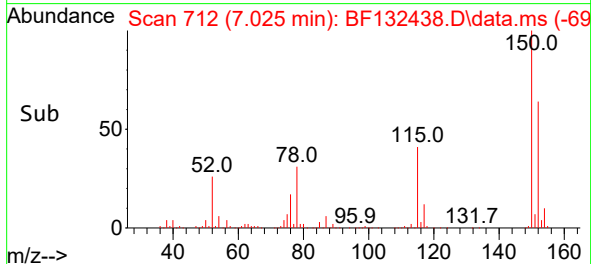
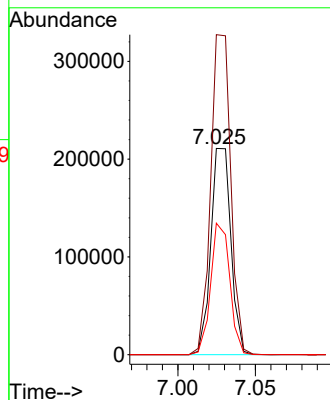
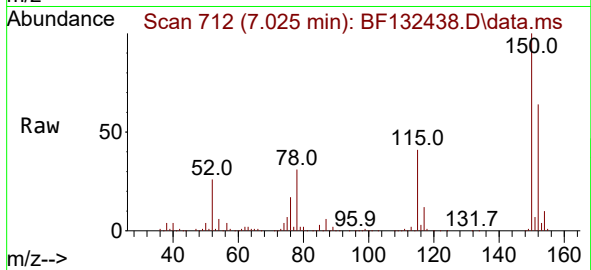




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.025 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: BF132438.D
 Acq: 16 Feb 2023 17:36

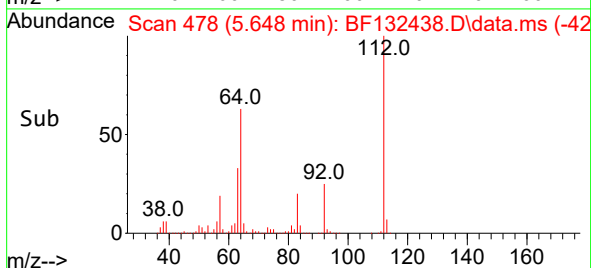
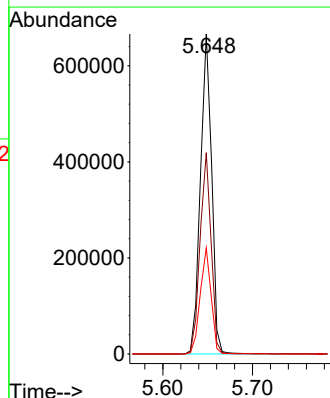
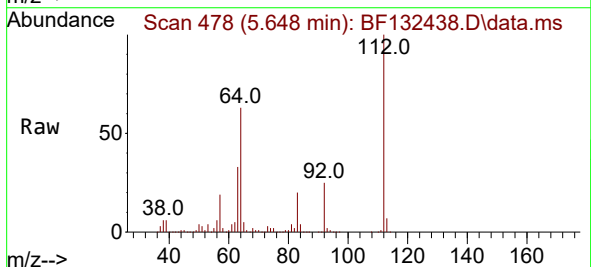
Instrument :
 BNA_F
 ClientSampleId :
 TWP-06

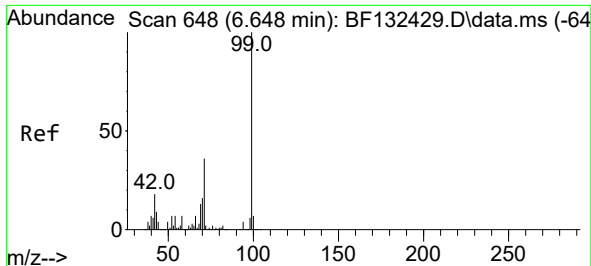
Tgt Ion:152 Resp: 189839
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.8 185.8
 115 63.8 50.4 75.6



#5
 2-Fluorophenol
 Concen: 48.811 ng
 RT: 5.648 min Scan# 478
 Delta R.T. -0.000 min
 Lab File: BF132438.D
 Acq: 16 Feb 2023 17:36

Tgt Ion:112 Resp: 578288
 Ion Ratio Lower Upper
 112 100
 64 62.9 49.7 74.5
 63 33.2 25.8 38.8

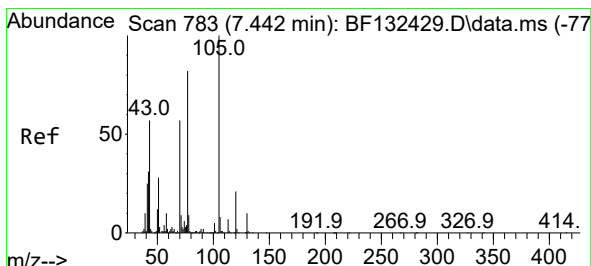
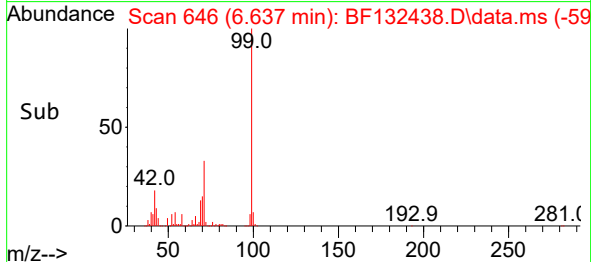
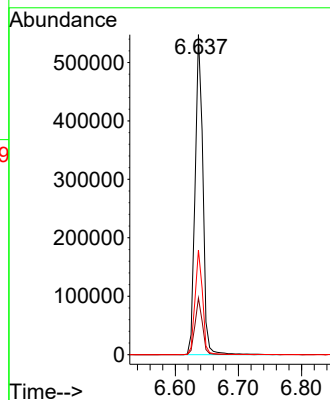
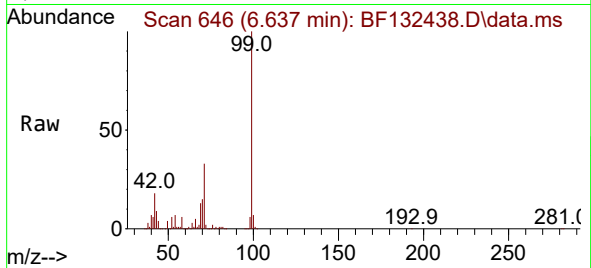




#7
Phenol-d6
Concen: 30.224 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

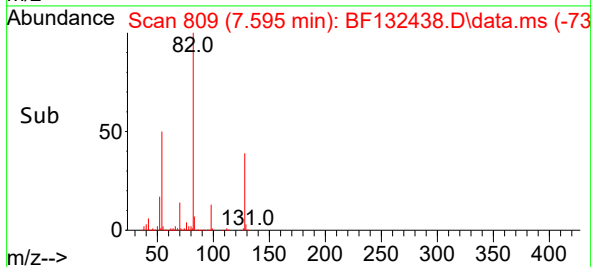
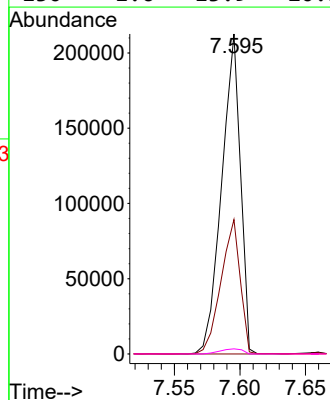
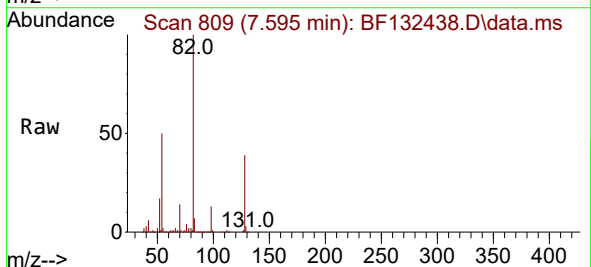
Instrument :
BNA_F
ClientSampleId :
TWP-06

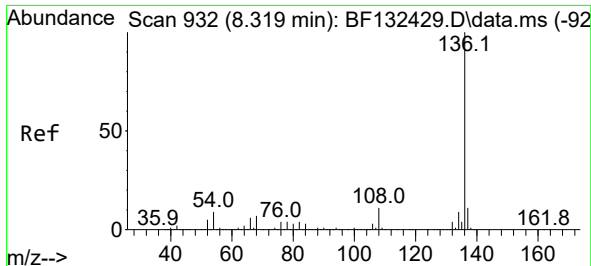
Tgt Ion: 99 Resp: 467567
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 32.7 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.238 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

Tgt Ion: 70 Resp: 210904
Ion Ratio Lower Upper
70 100
42 42.0 43.5 65.3#
101 0.0 7.3 10.9#
130 1.6 13.9 20.9#



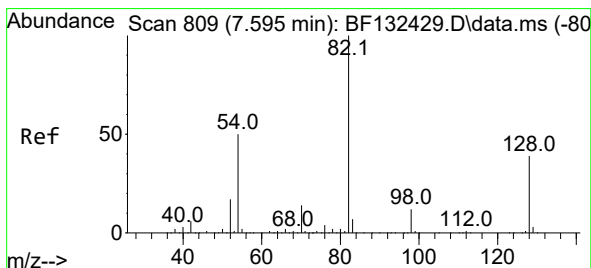
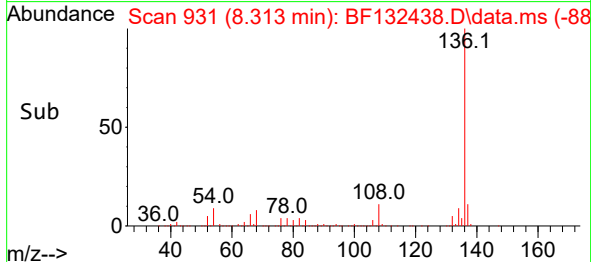
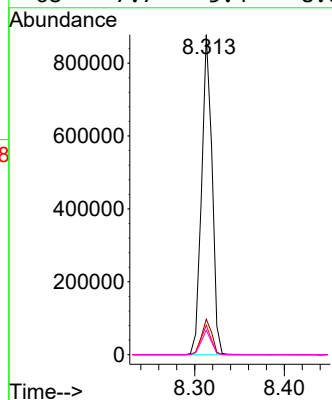
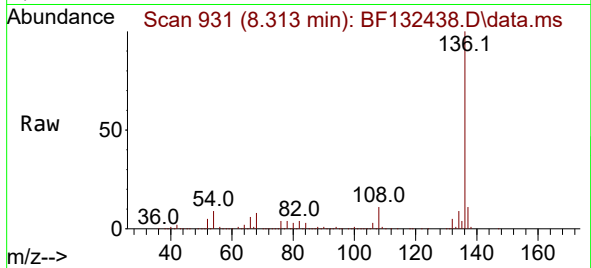


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

Instrument :
BNA_F
ClientSampleId :
TWP-06

Tgt Ion:136 Resp: 708677

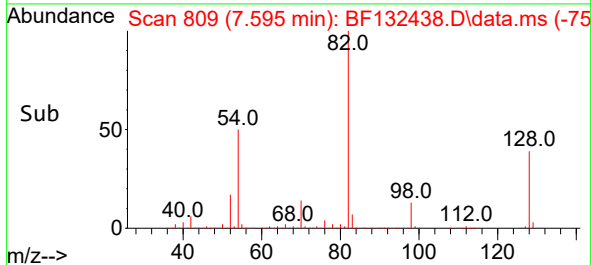
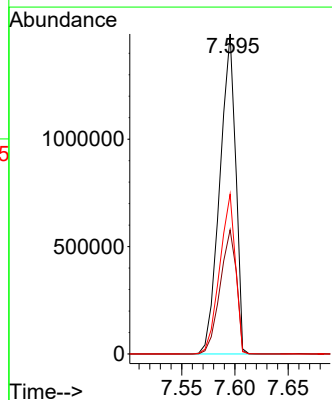
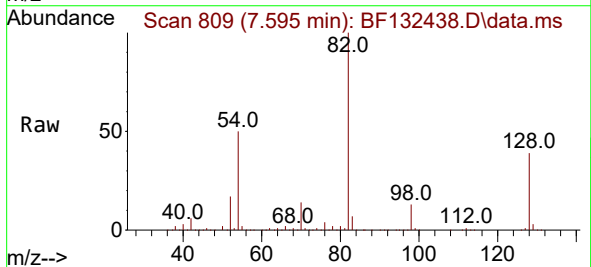
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.2	6.9	10.3
68	7.7	5.4	8.0

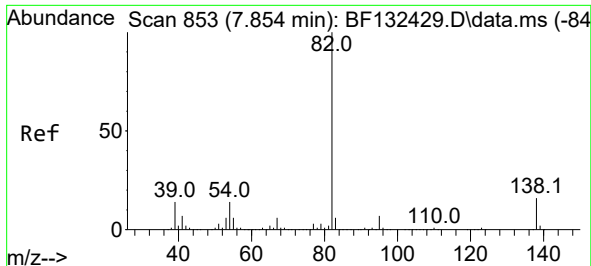


#23
Nitrobenzene-d5
Concen: 104.389 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

Tgt Ion: 82 Resp: 1539633

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.8	46.2
54	49.9	40.2	60.4

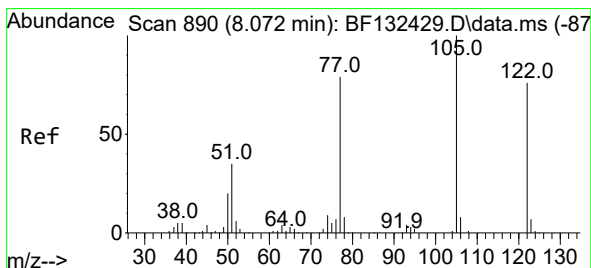
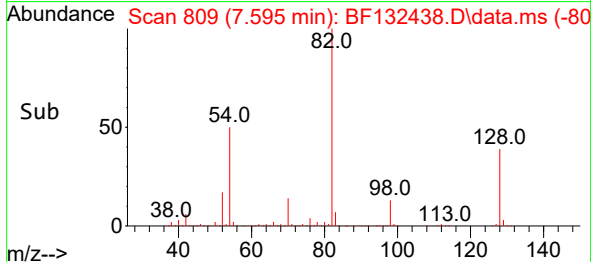
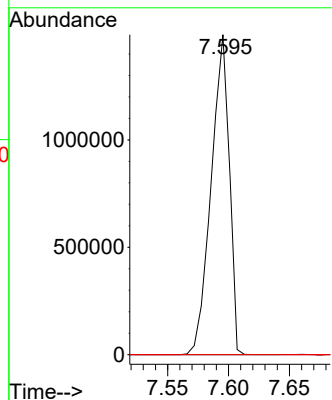
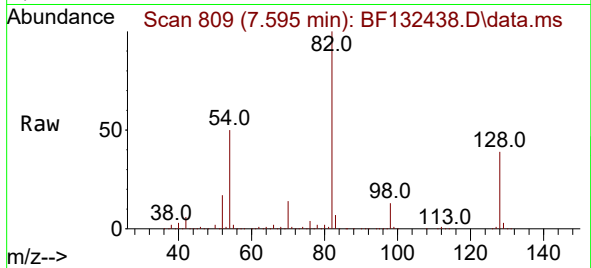




#25
Isophorone
Concen: 53.090 ng
RT: 7.595 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

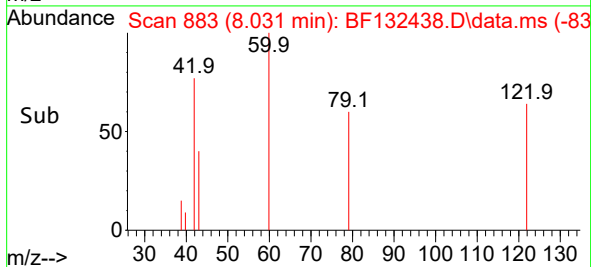
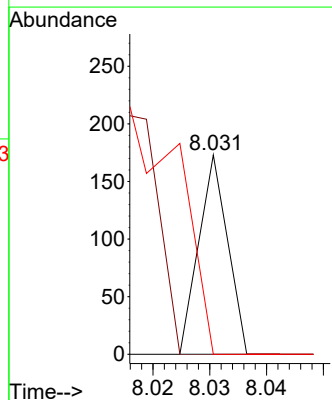
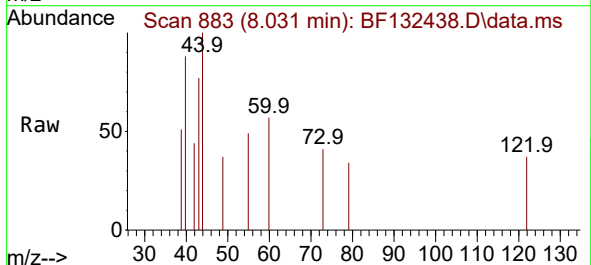
Instrument :
BNA_F
ClientSampleId :
TWP-06

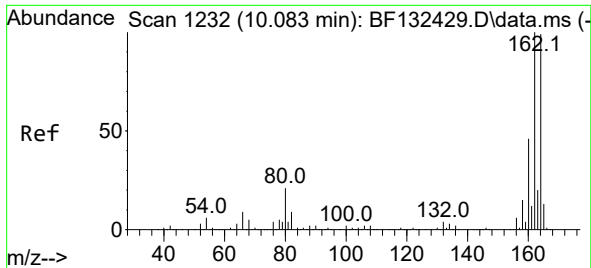
Tgt Ion: 82 Resp: 1538640
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.156 ng
RT: 8.031 min Scan# 883
Delta R.T. -0.041 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 109.7 149.7#
77 0.0 83.8 123.8#

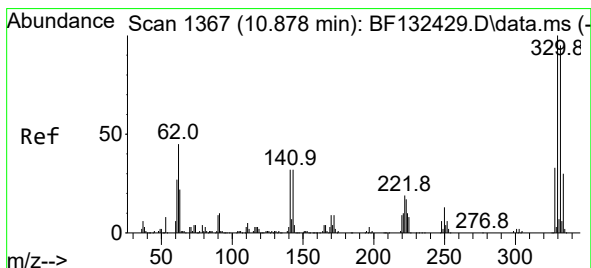
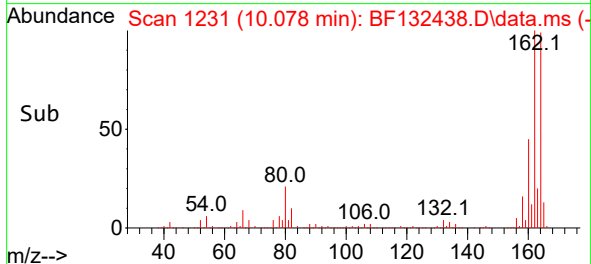
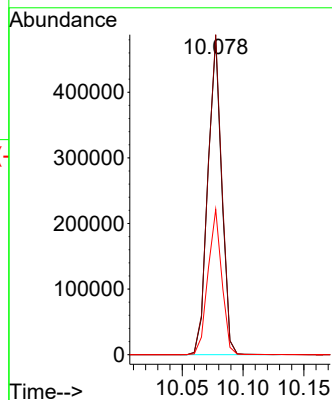
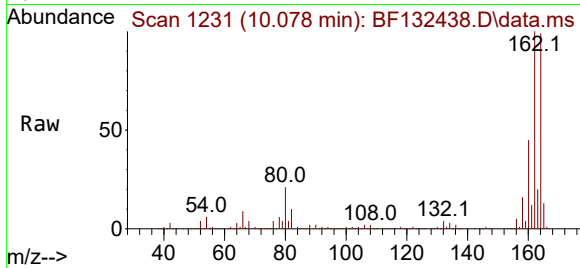




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

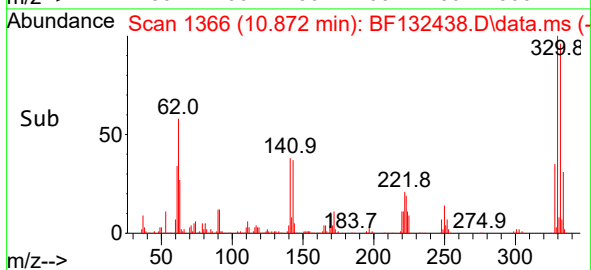
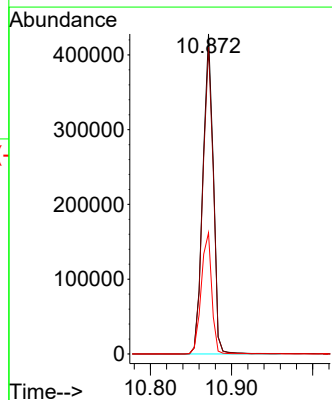
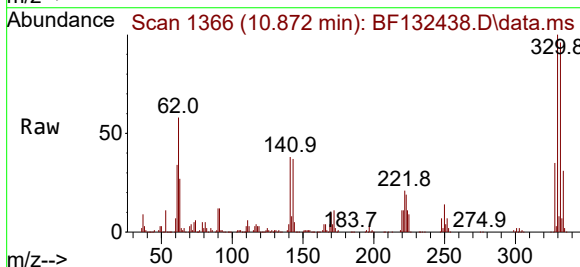
Instrument :
BNA_F
ClientSampleId :
TWP-06

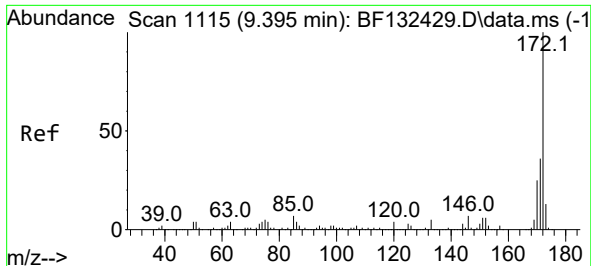
Tgt Ion:164 Resp: 381268
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 46.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 100.461 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

Tgt Ion:330 Resp: 382161
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 38.3 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 90.994 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132438.D

Acq: 16 Feb 2023 17:36

Instrument :

BNA_F

ClientSampleId :

TWP-06

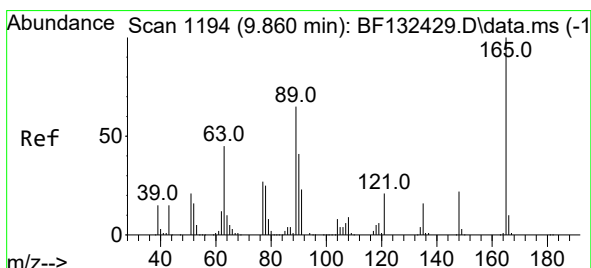
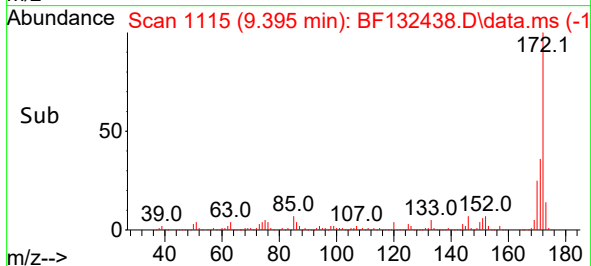
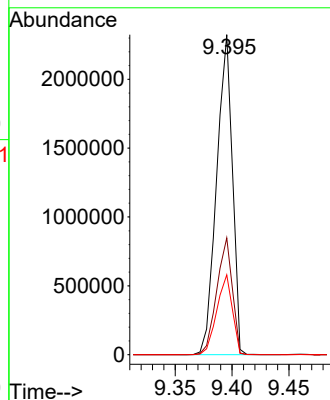
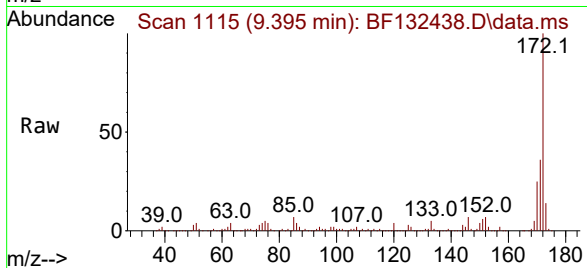
Tgt Ion:172 Resp: 2246515

Ion Ratio Lower Upper

172 100

171 36.5 28.6 42.8

170 25.0 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 8.256 ng

RT: 10.078 min Scan# 1231

Delta R.T. 0.218 min

Lab File: BF132438.D

Acq: 16 Feb 2023 17:36

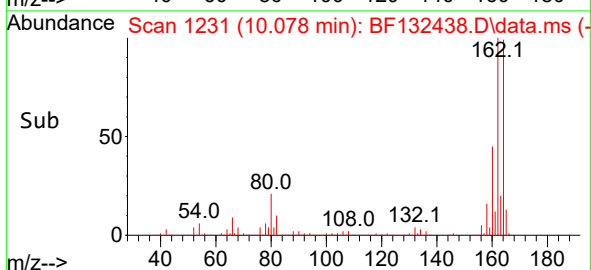
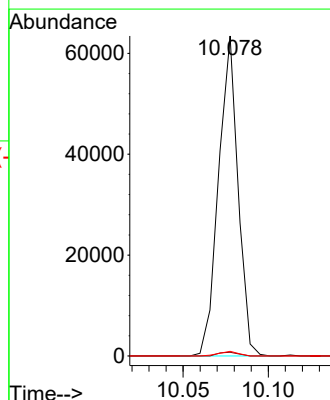
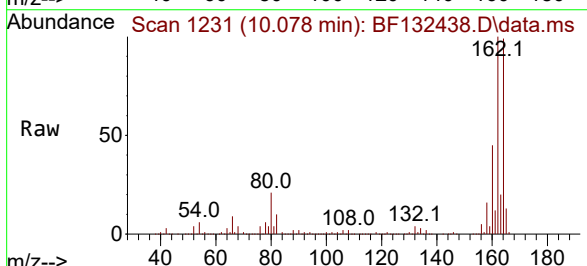
Tgt Ion:165 Resp: 50409

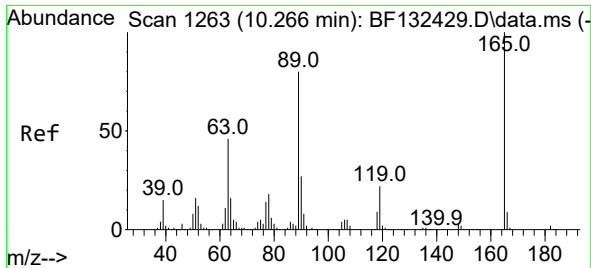
Ion Ratio Lower Upper

165 100

63 1.1 50.4 75.6#

89 1.4 52.2 78.2#

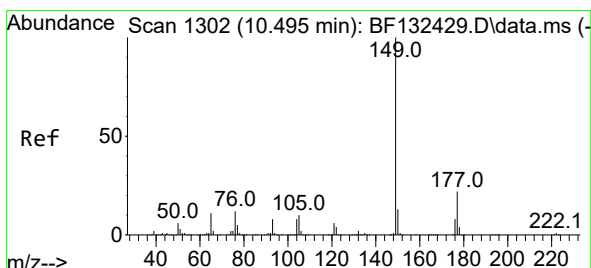
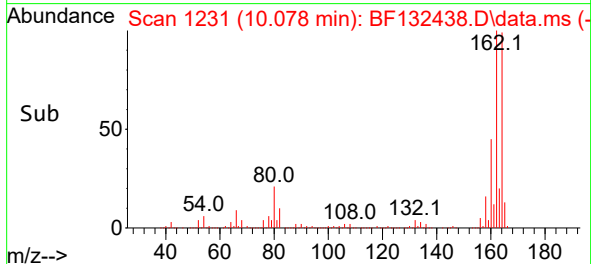
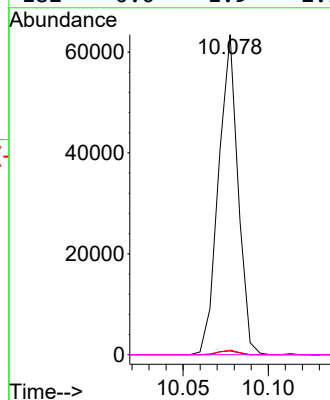
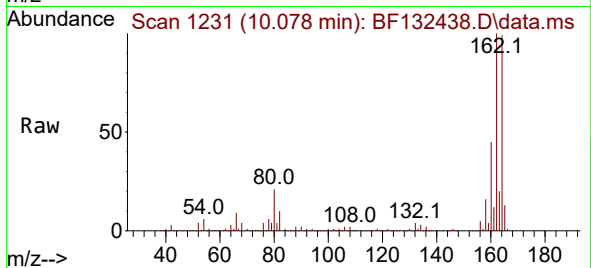




#57
2,4-Dinitrotoluene
Concen: 6.271 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

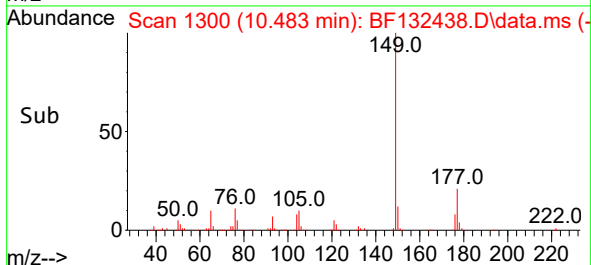
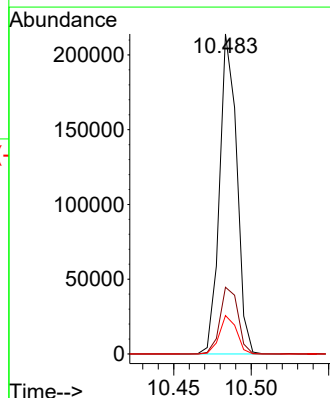
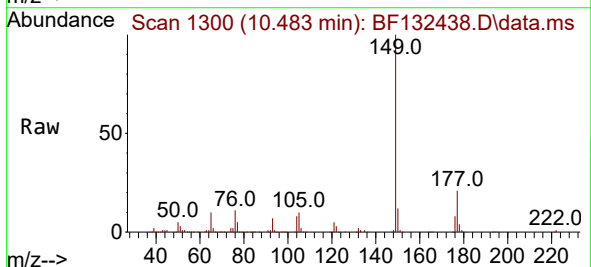
Instrument :
BNA_F
ClientSampleId :
TWP-06

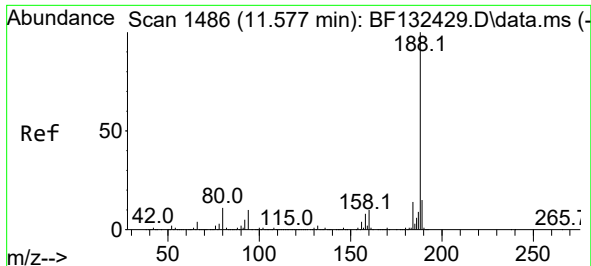
Tgt Ion:165	Resp:	50409
Ion Ratio	Lower	Upper
165	100	
63	1.1	37.1 55.7#
89	1.4	63.6 95.4#
182	0.0	1.9 2.9#



#60
Diethylphthalate
Concen: 5.998 ng
RT: 10.483 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

Tgt Ion:149	Resp:	165538
Ion Ratio	Lower	Upper
149	100	
177	20.9	17.8 26.8
150	12.0	10.0 15.0

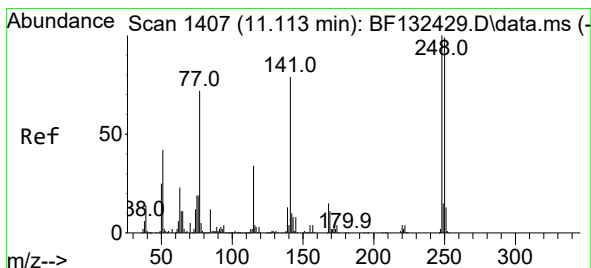
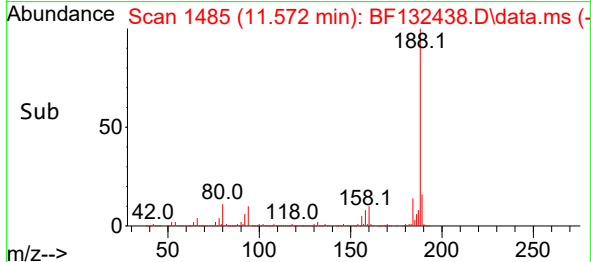
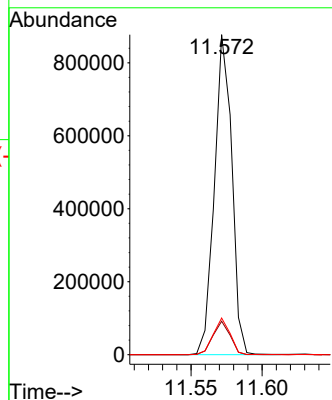
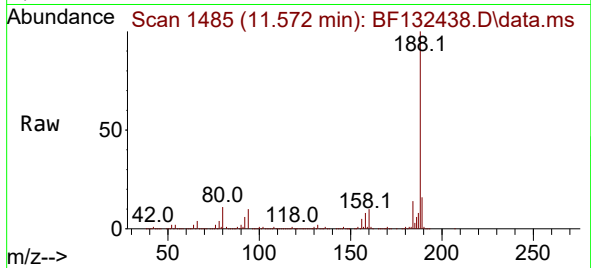




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

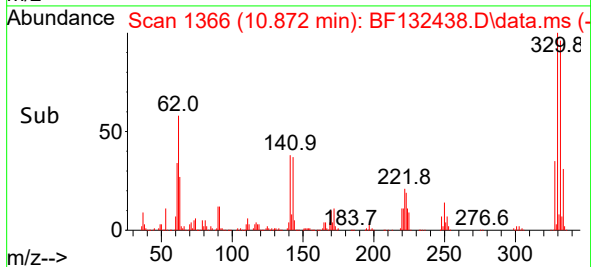
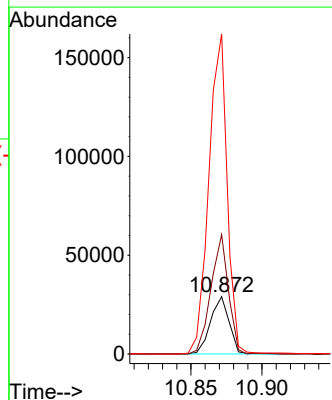
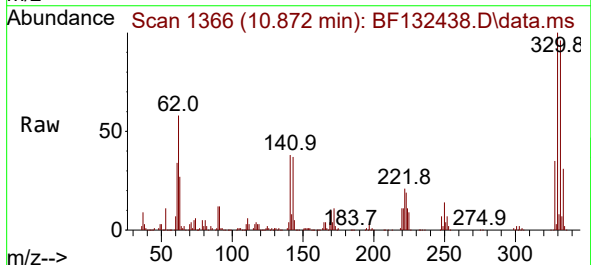
Instrument :
BNA_F
ClientSampleId :
TWP-06

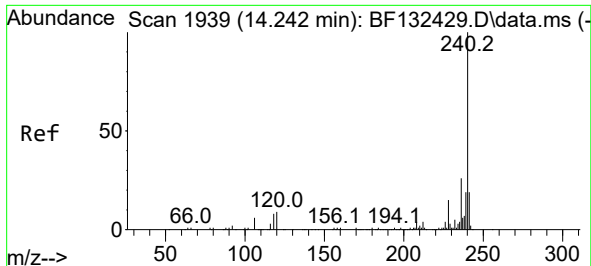
Tgt Ion:188 Resp: 746367
Ion Ratio Lower Upper
188 100
94 10.5 8.0 12.0
80 11.4 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.235 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.241 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

Tgt Ion:248 Resp: 26461
Ion Ratio Lower Upper
248 100
250 208.2 79.0 118.4#
141 558.3 63.3 94.9#

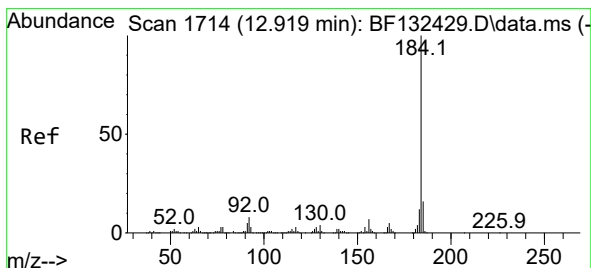
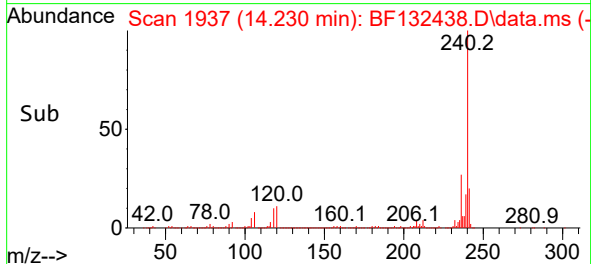
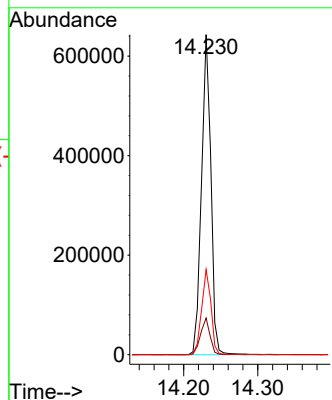
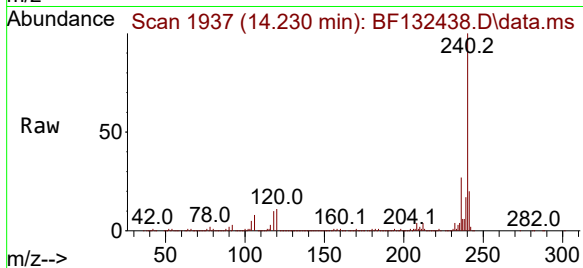




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

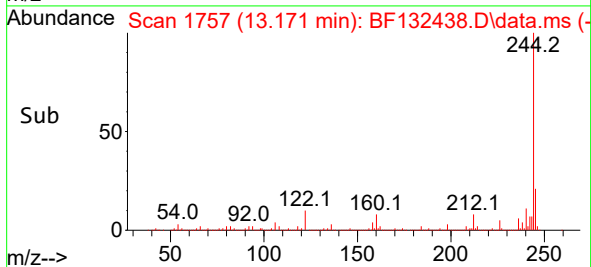
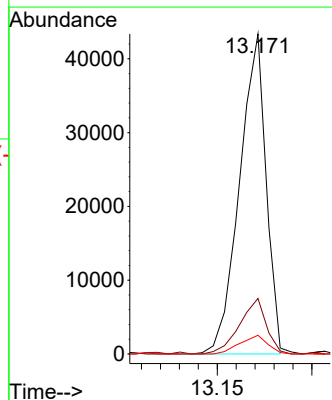
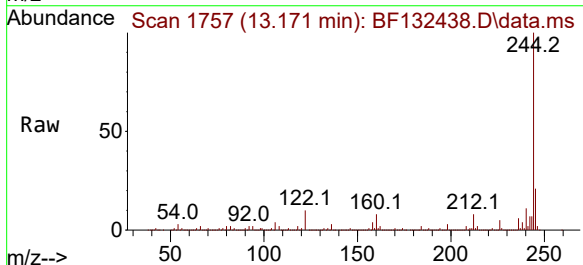
Instrument :
BNA_F
ClientSampleId :
TWP-06

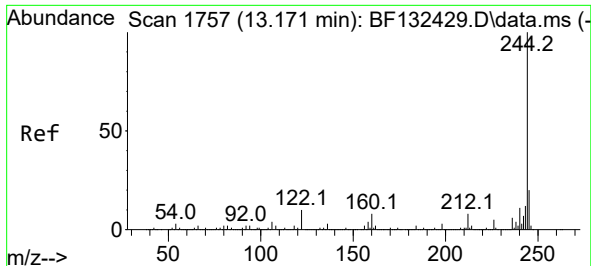
Tgt Ion:240 Resp: 568401
Ion Ratio Lower Upper
240 100
120 11.5 7.5 11.3#
236 26.6 21.0 31.6



#77
Benzidine
Concen: 3.487 ng
RT: 13.171 min Scan# 1757
Delta R.T. 0.253 min
Lab File: BF132438.D
Acq: 16 Feb 2023 17:36

Tgt Ion:184 Resp: 42202
Ion Ratio Lower Upper
184 100
185 17.4 12.4 18.6
183 5.9 9.2 13.8#

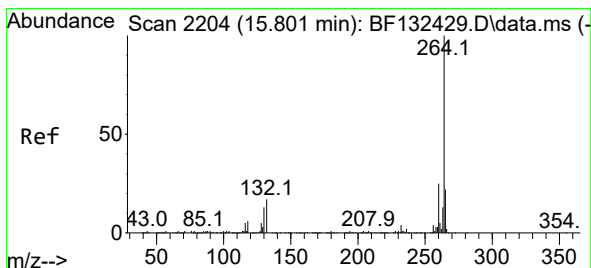
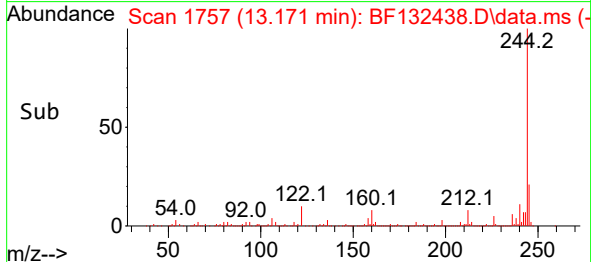
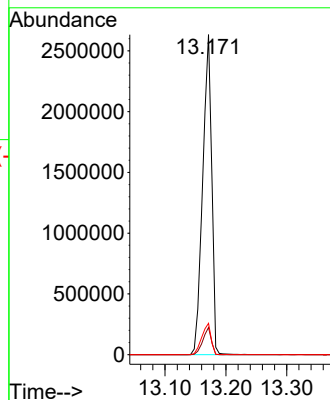
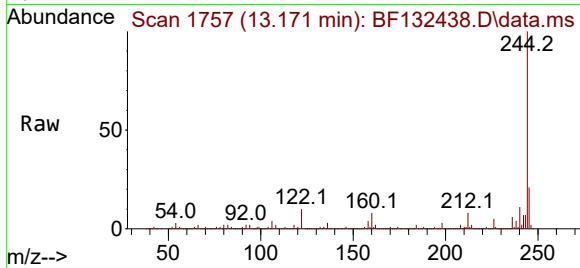




#79
 Terphenyl-d14
 Concen: 87.017 ng
 RT: 13.171 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132438.D
 Acq: 16 Feb 2023 17:36

Instrument :
 BNA_F
 ClientSampleId :
 TWP-06

Tgt Ion:244 Resp: 2715822
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 9.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.795 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF132438.D
 Acq: 16 Feb 2023 17:36

Tgt Ion:264 Resp: 554669
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 21.6 17.2 25.8

