

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF0222823\
 Data File : BF132579.D
 Acq On : 28 Feb 2023 18:57
 Operator : CG\JU
 Sample : 01701-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13-GW02

Quant Time: Mar 01 02:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

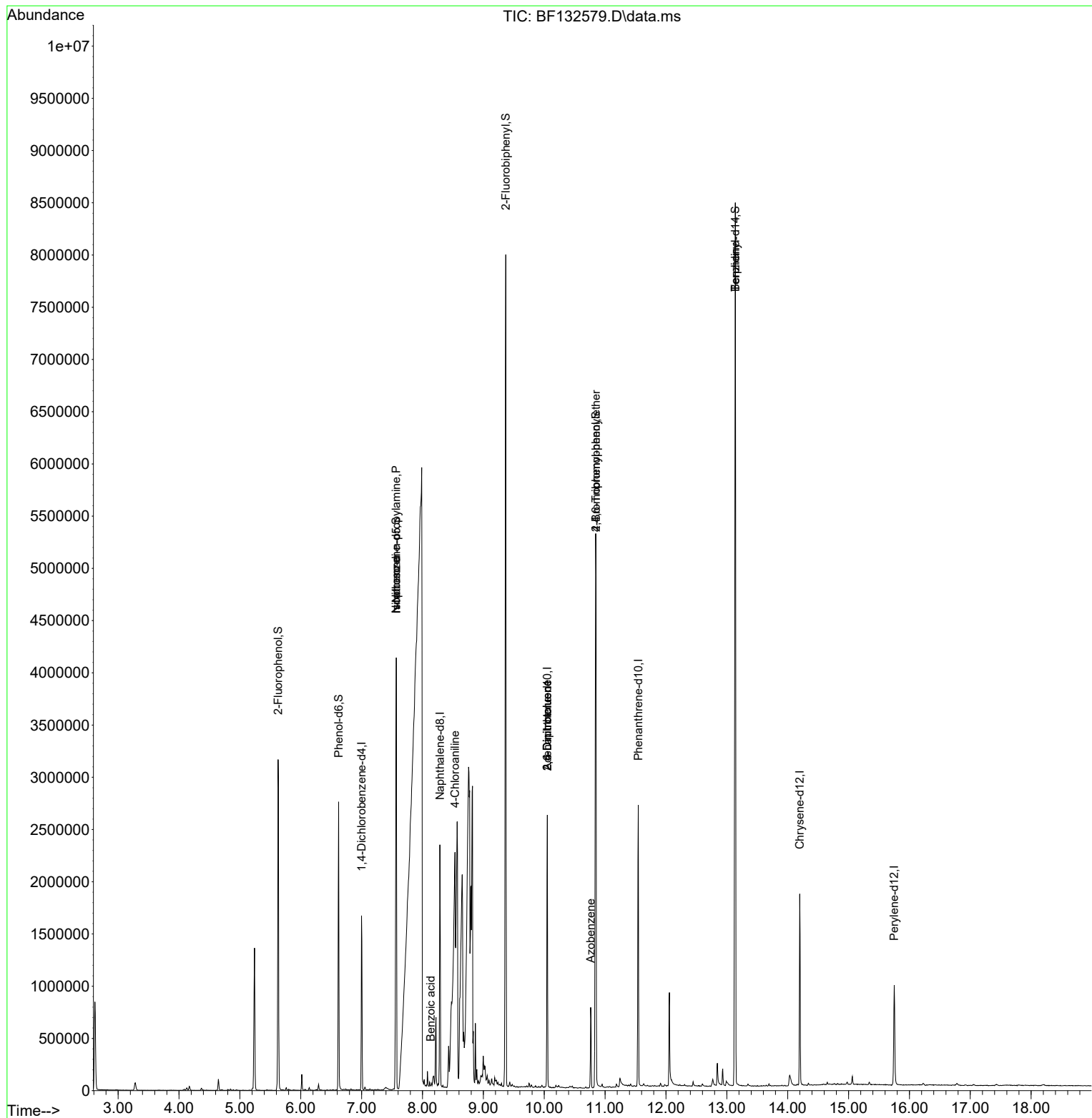
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	247325	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	931362	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	506238	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	976542	20.000	ng	0.00
76) Chrysene-d12	14.198	240	613512	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	459542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	919071	60.310	ng	0.00
7) Phenol-d6	6.622	99	884802	44.489	ng	-0.01
23) Nitrobenzene-d5	7.569	82	1544836	78.695	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	792106	144.884	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2626312	78.994	ng	0.00
79) Terphenyl-d14	13.139	244	3420155	94.254	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	207208	16.929	ng	# 74
25) Isophorone	7.569	82	1542842	40.993	ng	# 67
32) Benzoic acid	8.134	122	1404	3.948	ng	# 75
33) 4-Chloroaniline	8.534	127	134897	6.602	ng	# 35
51) 2,6-Dinitrotoluene	10.051	165	66841	7.962	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	66841	5.985	ng	# 21
63) Azobenzene	10.763	77	142078	3.727	ng	# 1
67) 4-Bromophenyl-phenylether	10.851	248	51815	4.691	ng	# 1
77) Benzidine	13.139	184	50630	3.390	ng	# 57

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
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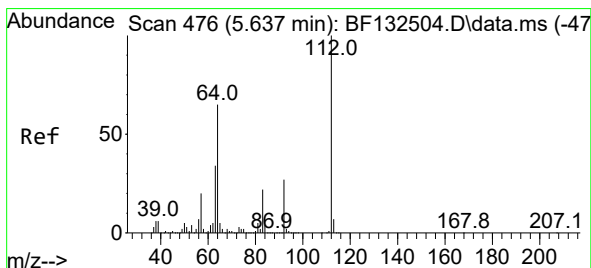
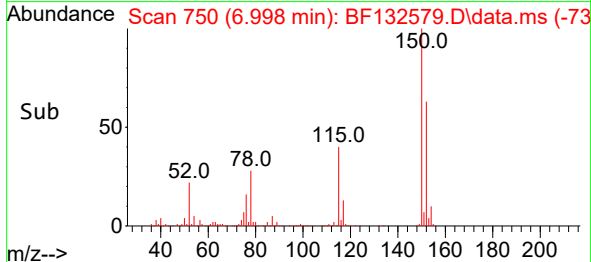
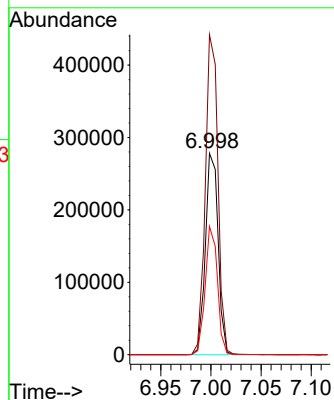
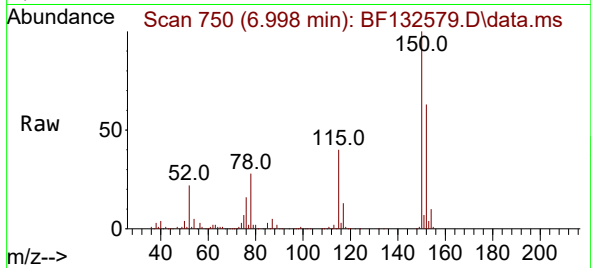




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

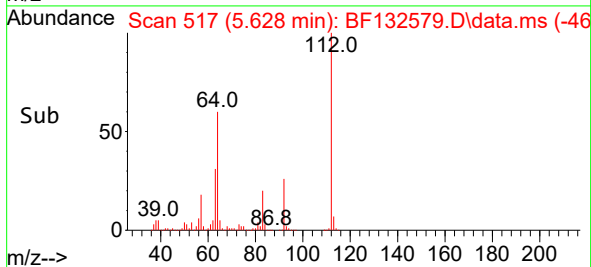
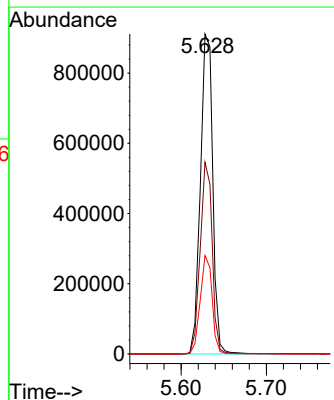
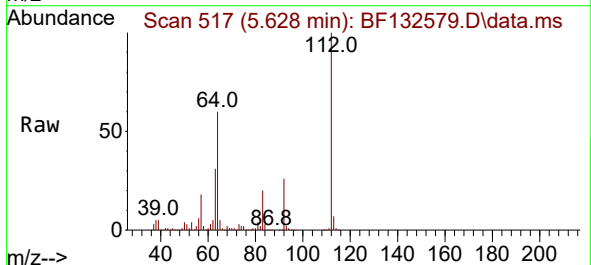
Instrument :
BNA_F
ClientSampleId :
B-13-GW02

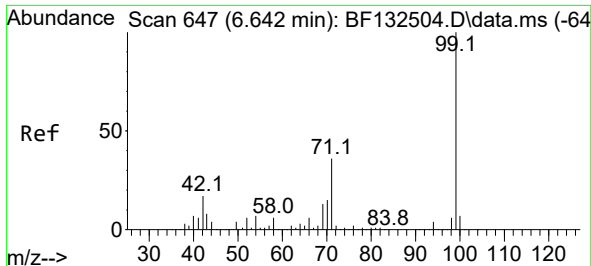
Tgt Ion:152 Resp: 247325
Ion Ratio Lower Upper
152 100
150 158.8 125.4 188.2
115 63.6 47.8 71.6



#5
2-Fluorophenol
Concen: 60.310 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion:112 Resp: 919071
Ion Ratio Lower Upper
112 100
64 59.9 51.6 77.4
63 30.8 27.4 41.2

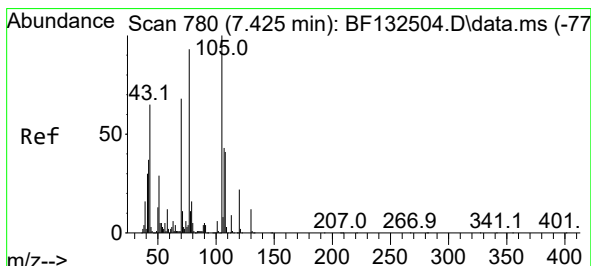
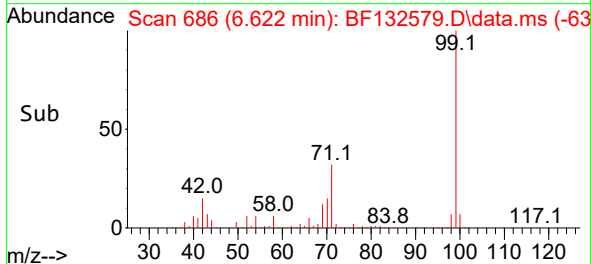
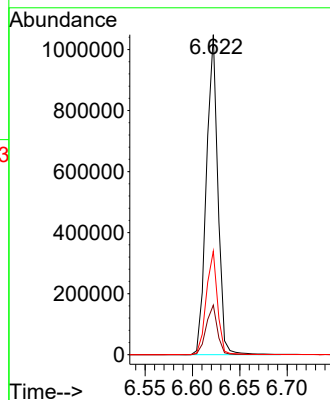
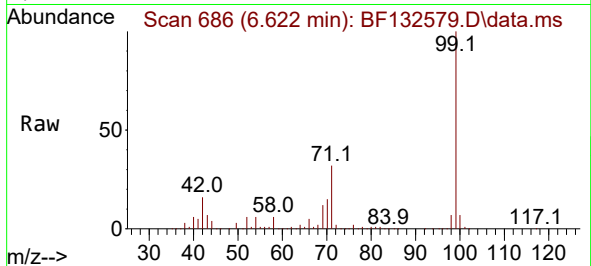




#7
Phenol-d6
Concen: 44.489 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.014 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

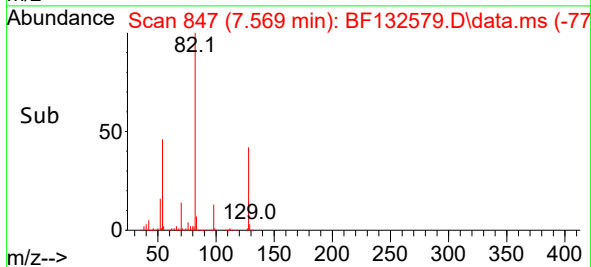
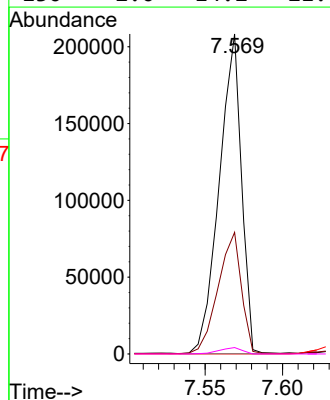
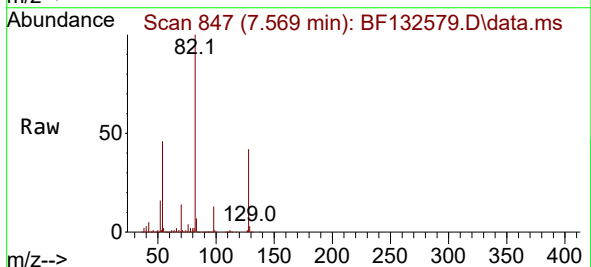
Instrument :
BNA_F
ClientSampleId :
B-13-GW02

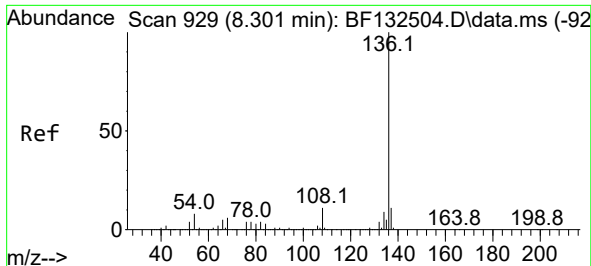
Tgt Ion: 99 Resp: 884802
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 32.4 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.929 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion: 70 Resp: 207208
Ion Ratio Lower Upper
70 100
42 38.0 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

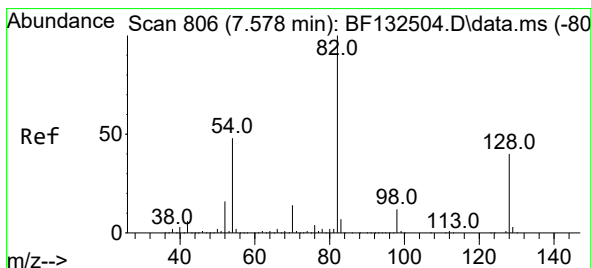
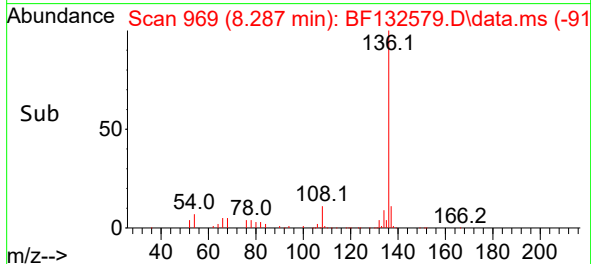
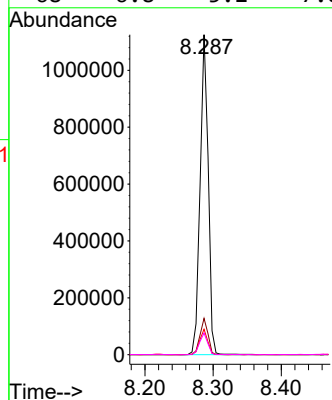
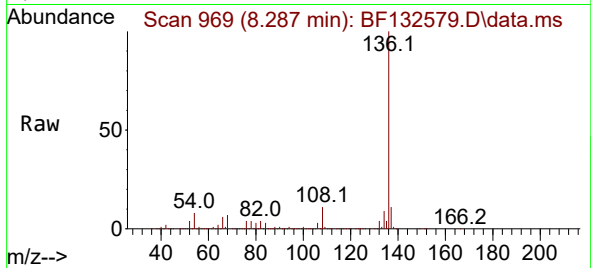




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

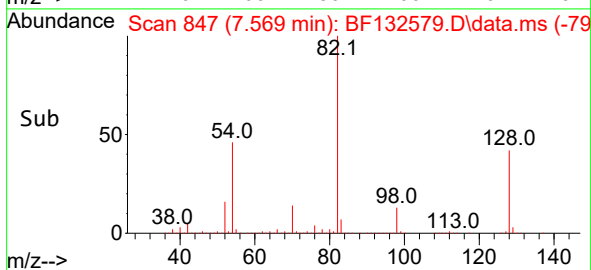
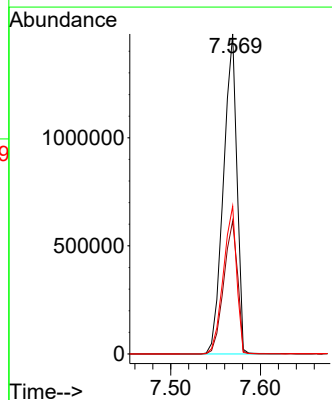
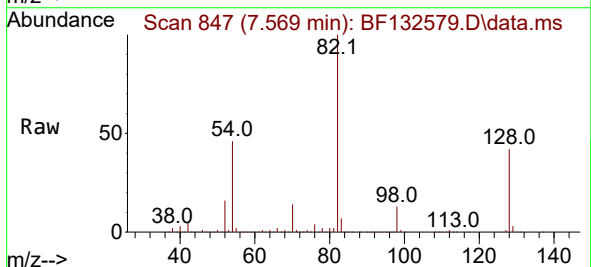
Instrument :
BNA_F
ClientSampleId :
B-13-GW02

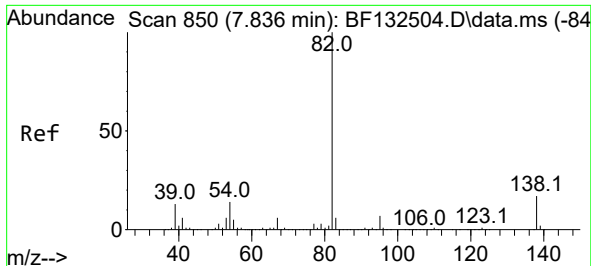
Tgt Ion:136 Resp: 931362
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.9 6.2 9.4
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 78.695 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion: 82 Resp: 1544836
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 46.2 38.4 57.6

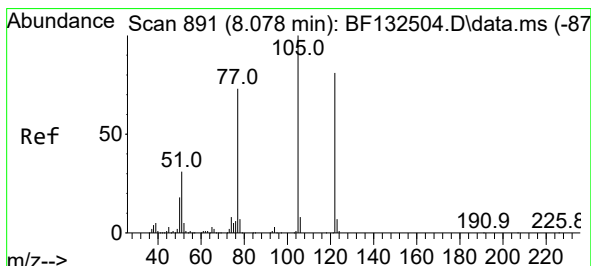
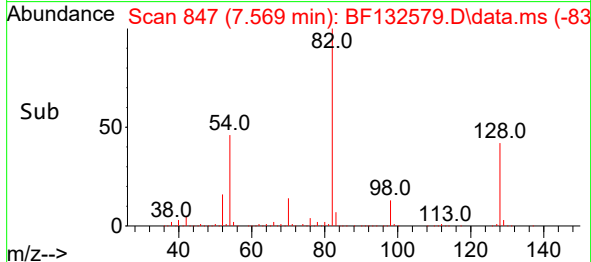
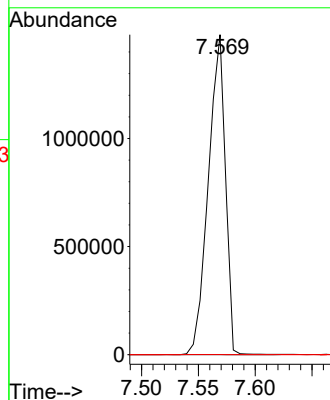
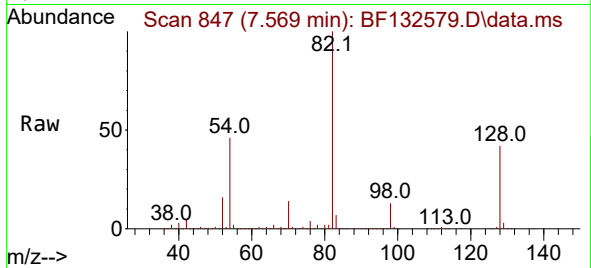




#25
Isophorone
Concen: 40.993 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

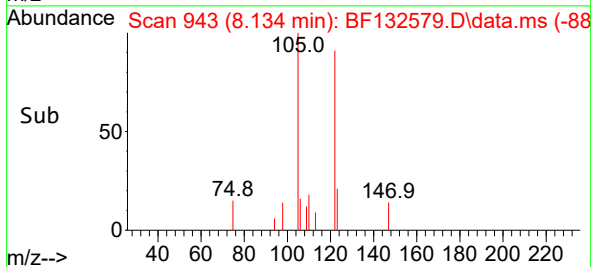
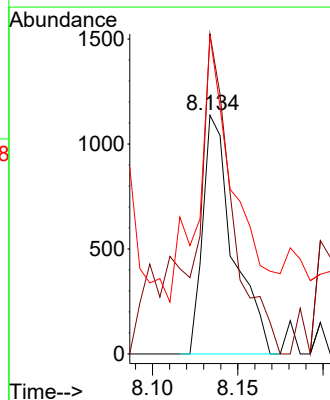
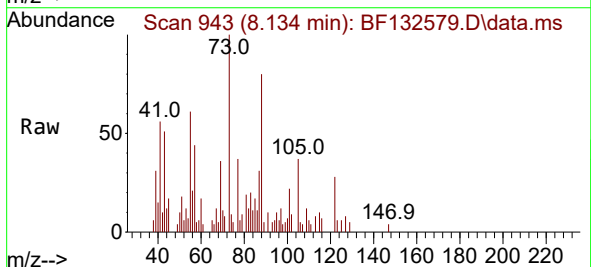
Instrument :
BNA_F
ClientSampleId :
B-13-GW02

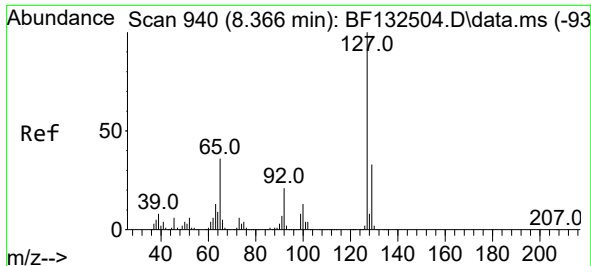
Tgt Ion: 82 Resp: 1542842
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.948 ng
RT: 8.134 min Scan# 943
Delta R.T. 0.068 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion:122 Resp: 1404
Ion Ratio Lower Upper
122 100
105 134.0 102.6 142.6
77 133.4 70.2 110.2#

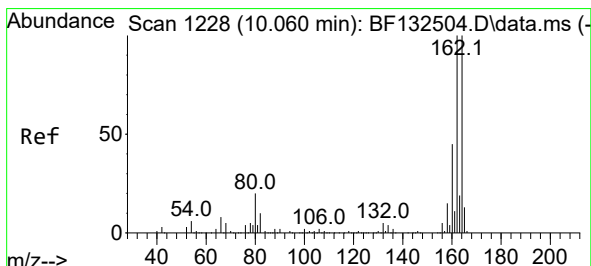
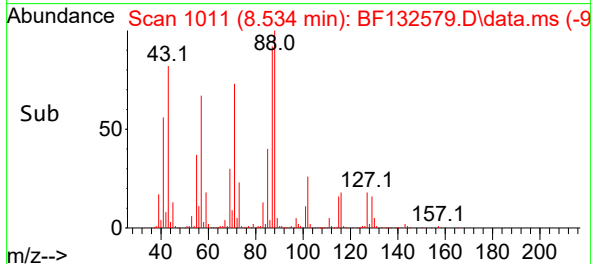
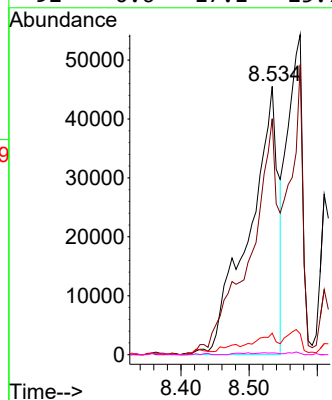
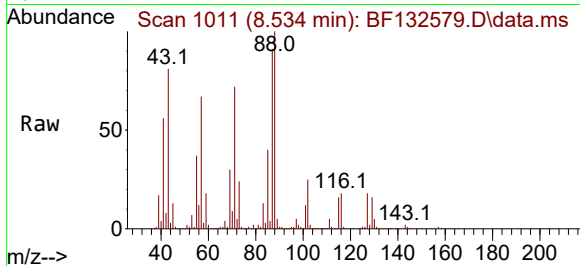




#33
4-Chloroaniline
Concen: 6.602 ng
RT: 8.534 min Scan# 1011
Delta R.T. 0.174 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

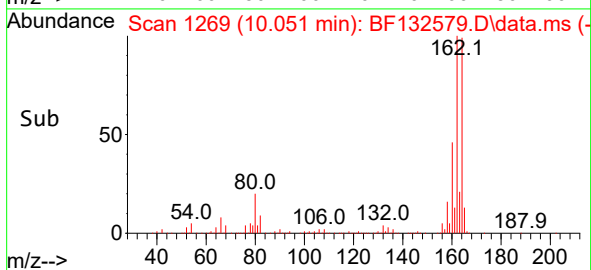
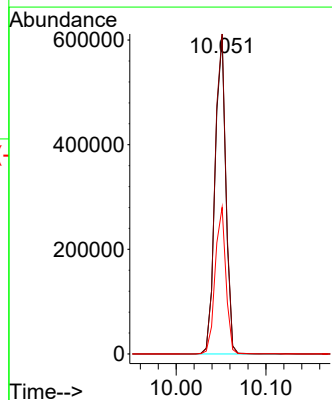
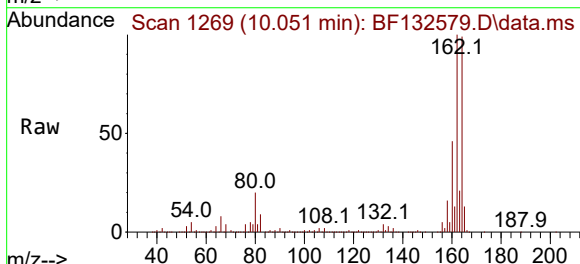
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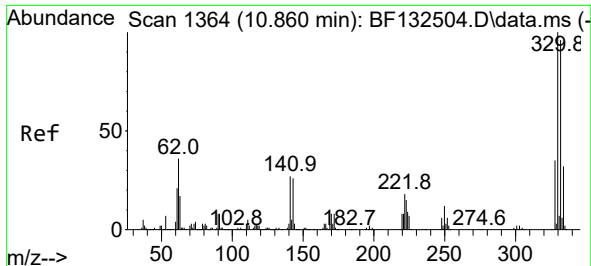
Tgt Ion:127	Resp: 134897
Ion Ratio	Lower Upper
127 100	
129 88.0	26.4 39.6#
65 8.0	28.8 43.2#
92 0.6	17.1 25.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion:164	Resp: 506238		
Ion Ratio	Lower	Upper	
164	100		
162	100.8	79.8	119.8
160	46.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 144.884 ng

RT: 10.851 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BF132579.D

Acq: 28 Feb 2023 18:57

Instrument :

BNA_F

ClientSampleId :

B-13-GW02

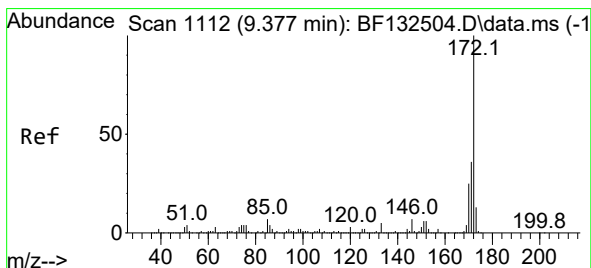
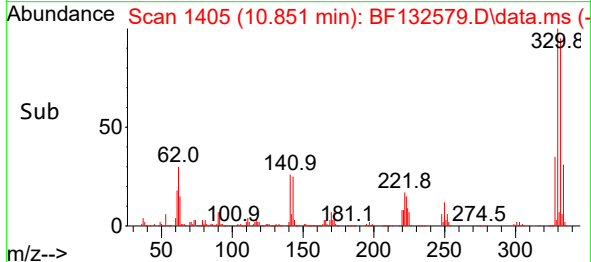
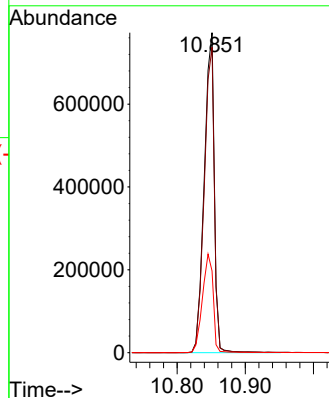
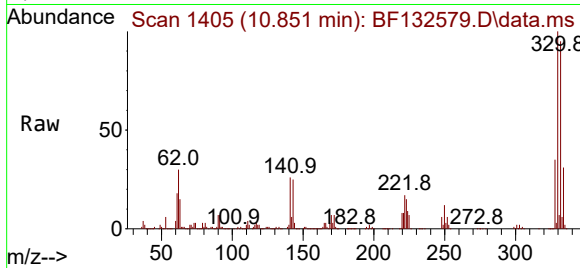
Tgt Ion:330 Resp: 792106

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 32.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 78.994 ng

RT: 9.369 min Scan# 1153

Delta R.T. -0.003 min

Lab File: BF132579.D

Acq: 28 Feb 2023 18:57

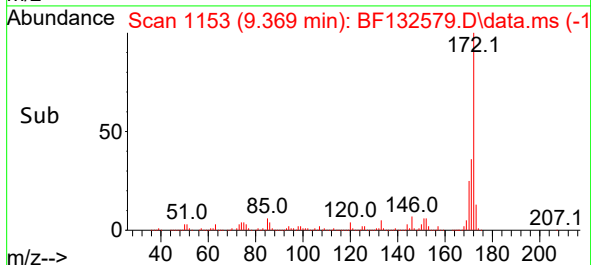
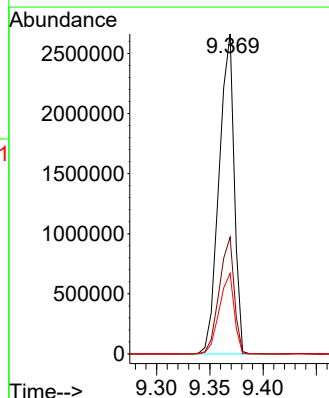
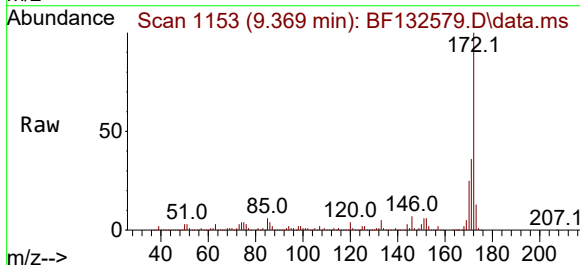
Tgt Ion:172 Resp: 2626312

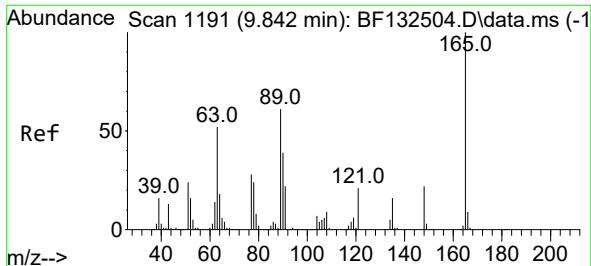
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 25.2 19.7 29.5

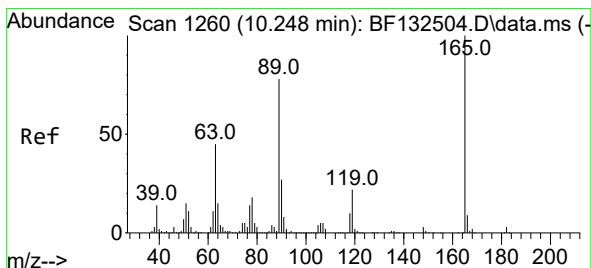
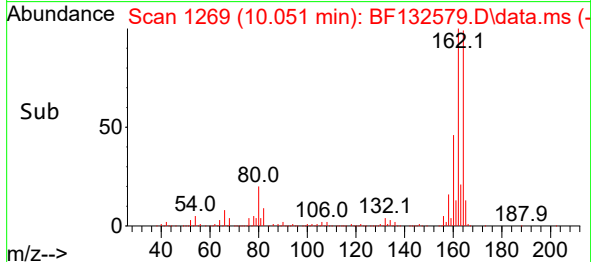
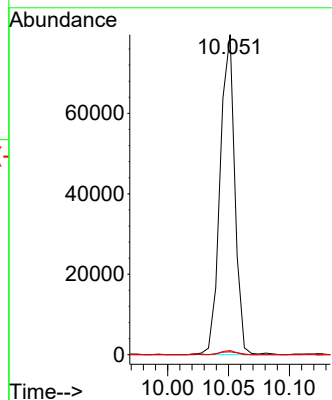
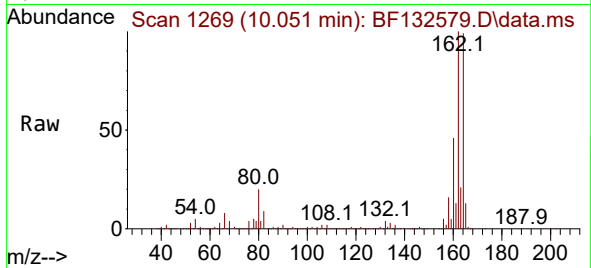




#51
2,6-Dinitrotoluene
Concen: 7.962 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

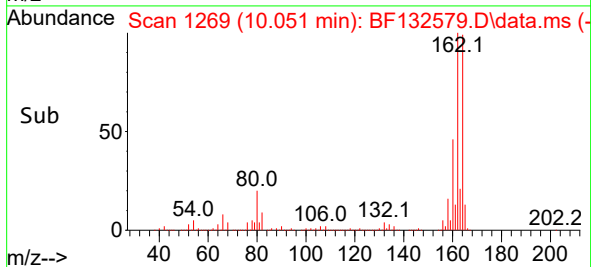
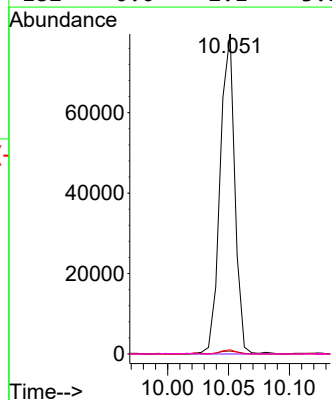
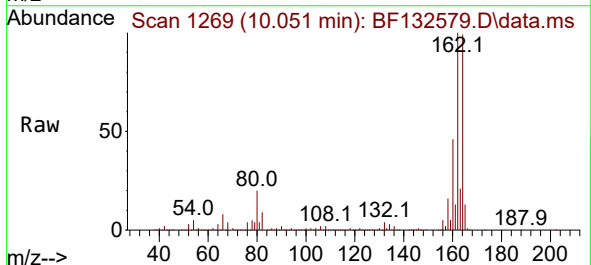
Instrument :
BNA_F
ClientSampleId :
B-13-GW02

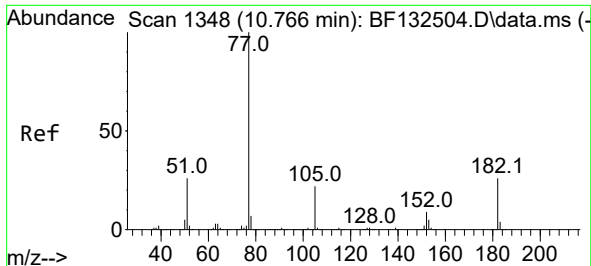
Tgt Ion:165 Resp: 66841
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.3 48.9 73.3#



#57
2,4-Dinitrotoluene
Concen: 5.985 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.191 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion:165 Resp: 66841
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#

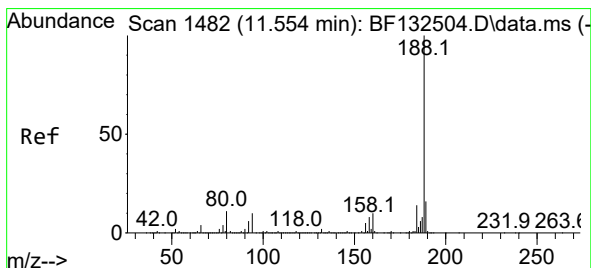
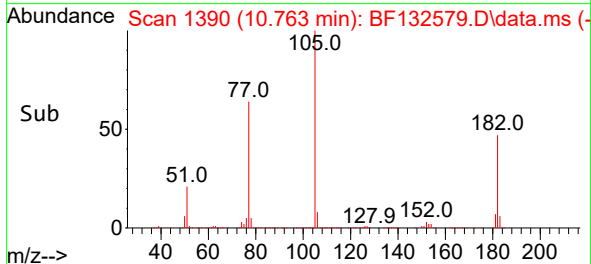
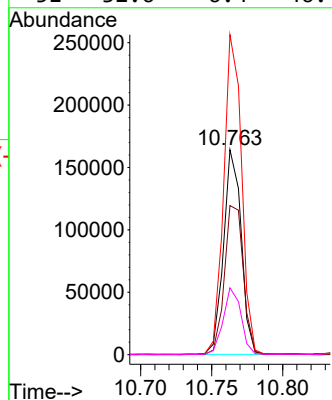
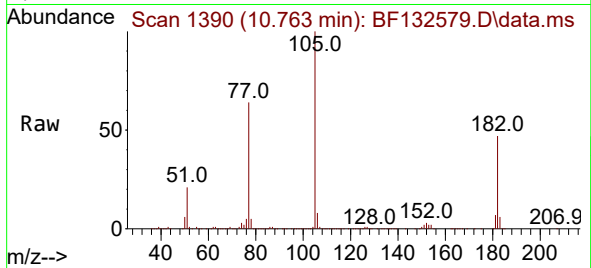




#63
Azobenzene
Concen: 3.727 ng
RT: 10.763 min Scan# 11
Delta R.T. 0.009 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

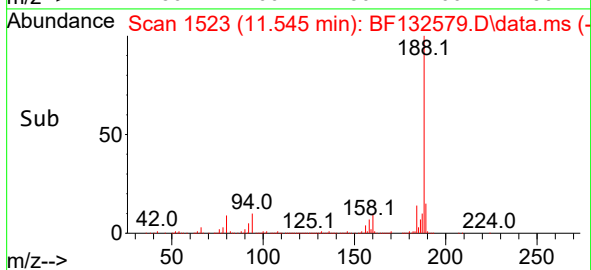
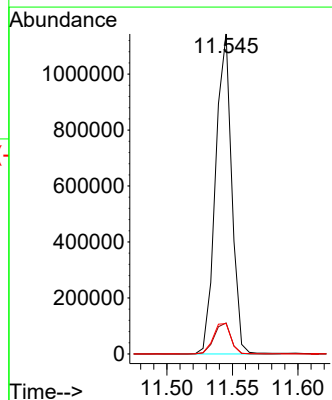
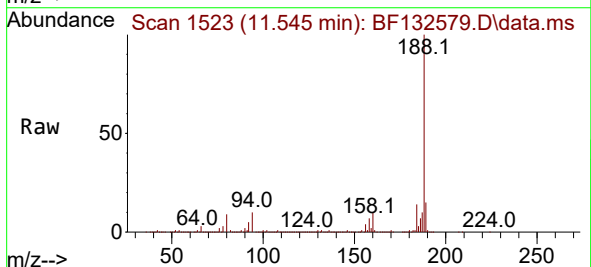
Instrument :
BNA_F
ClientSampleId :
B-13-GW02

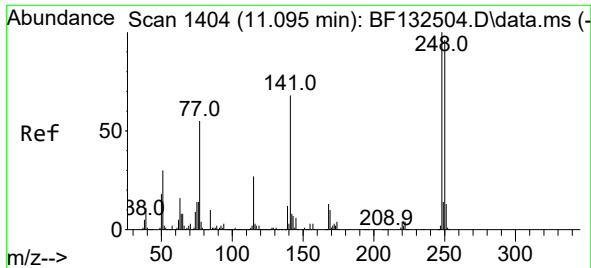
Tgt Ion: 77 Resp: 142078
Ion Ratio Lower Upper
77 100
182 72.7 5.5 45.5#
105 156.1 1.8 41.8#
51 32.6 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion: 188 Resp: 976542
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 9.5 8.7 13.1

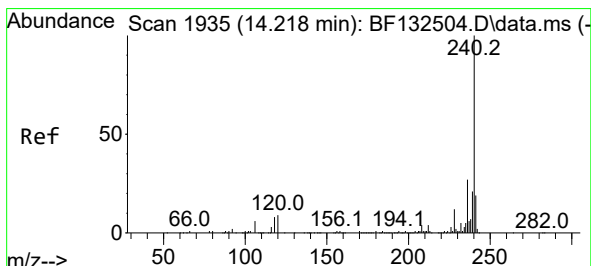
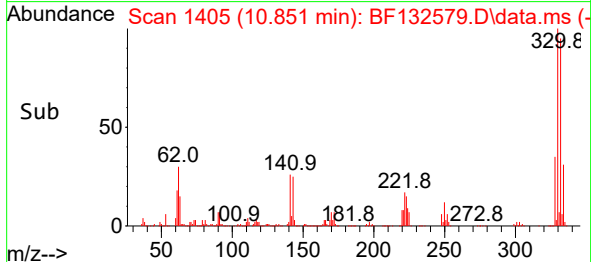
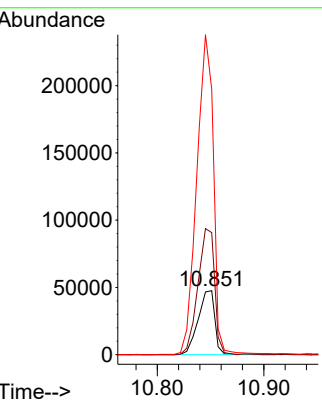
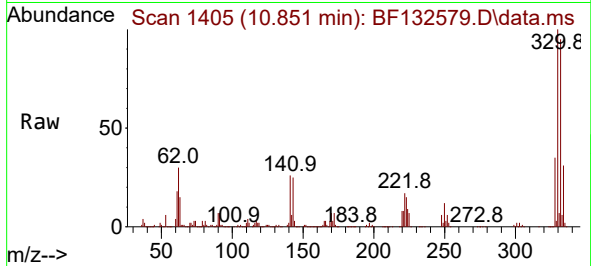




#67
4-Bromophenyl-phenylether
Concen: 4.691 ng
RT: 10.851 min Scan# 14
Delta R.T. -0.238 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

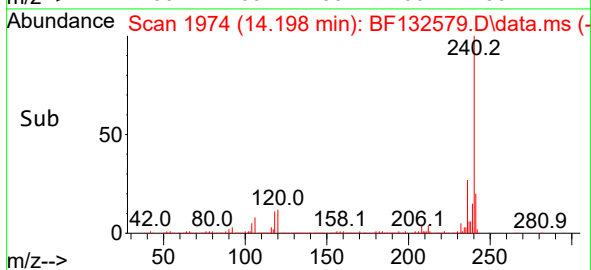
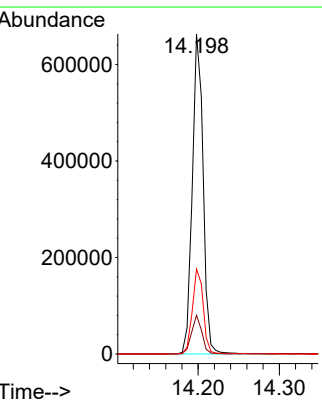
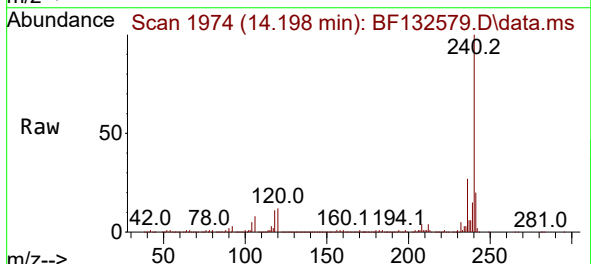
Instrument :
BNA_F
ClientSampleId :
B-13-GW02

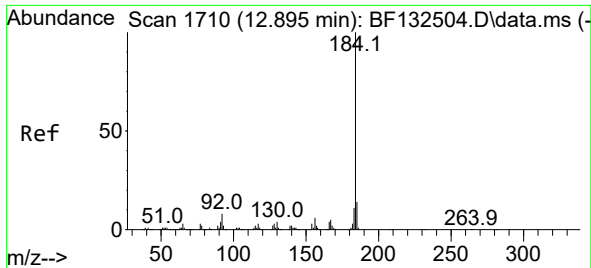
Tgt Ion:248 Resp: 51815
Ion Ratio Lower Upper
248 100
250 190.8 77.0 115.4#
141 414.9 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion:240 Resp: 613512
Ion Ratio Lower Upper
240 100
120 12.1 7.2 10.8#
236 26.6 21.8 32.6

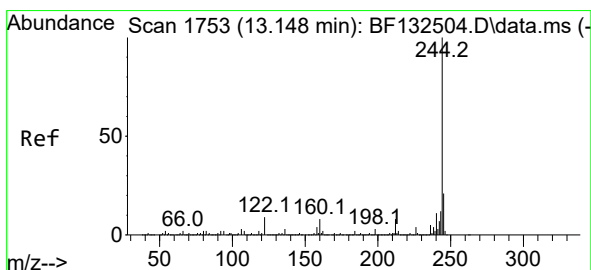
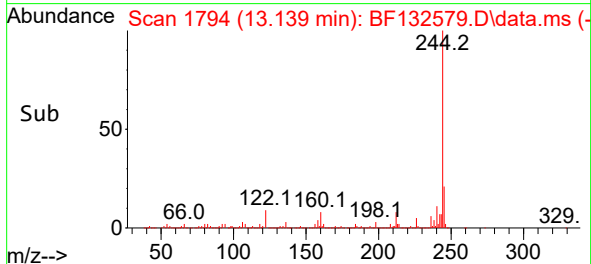
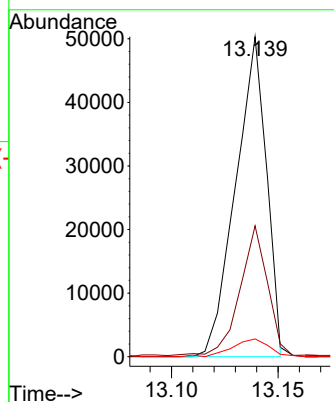
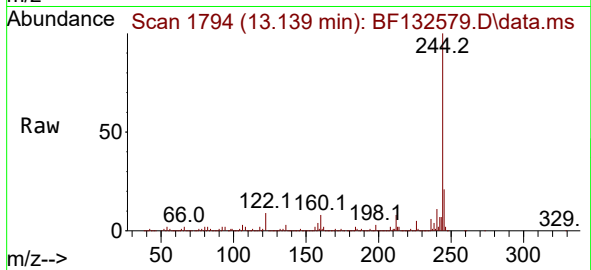




#77
Benzidine
Concen: 3.390 ng
RT: 13.139 min Scan# 1794
Delta R.T. 0.256 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

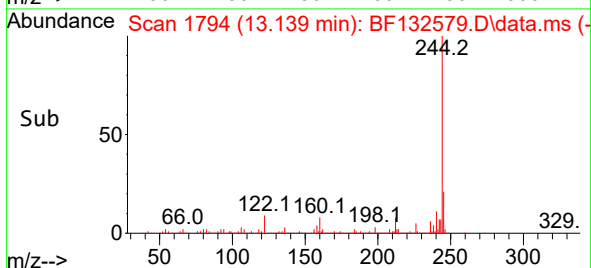
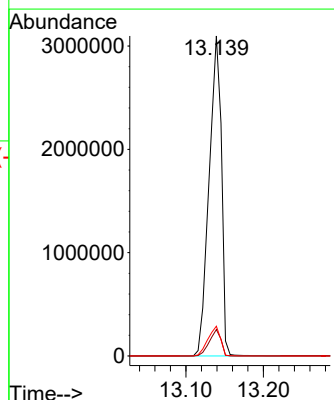
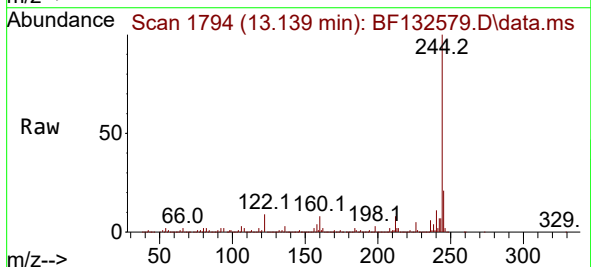
Instrument :
BNA_F
ClientSampleId :
B-13-GW02

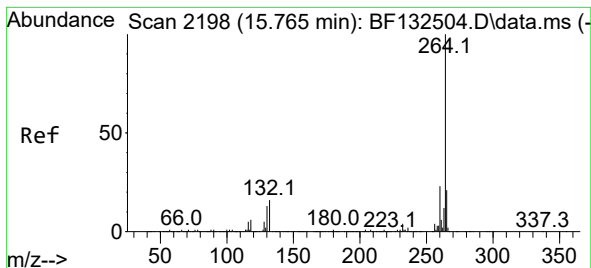
Tgt Ion:184 Resp: 50630
Ion Ratio Lower Upper
184 100
185 40.9 11.7 17.5#
183 5.5 8.7 13.1#



#79
Terphenyl-d14
Concen: 94.254 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132579.D
Acq: 28 Feb 2023 18:57

Tgt Ion:244 Resp: 3420155
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 9.3 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 21

Delta R.T. -0.003 min

Lab File: BF132579.D

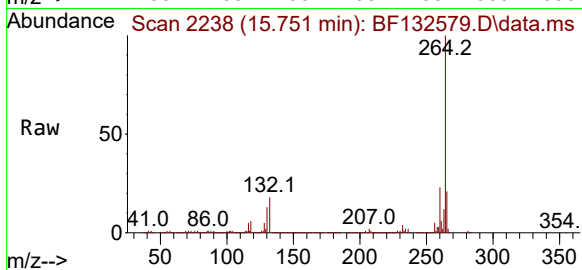
Acq: 28 Feb 2023 18:57

Instrument :

BNA_F

ClientSampleId :

B-13-GW02



Tgt Ion:264 Resp: 459542

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 20.7 17.1 25.7

