

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132423.D
 Acq On : 13 Feb 2023 22:23
 Operator : CG\JU
 Sample : 01328-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 01:41:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

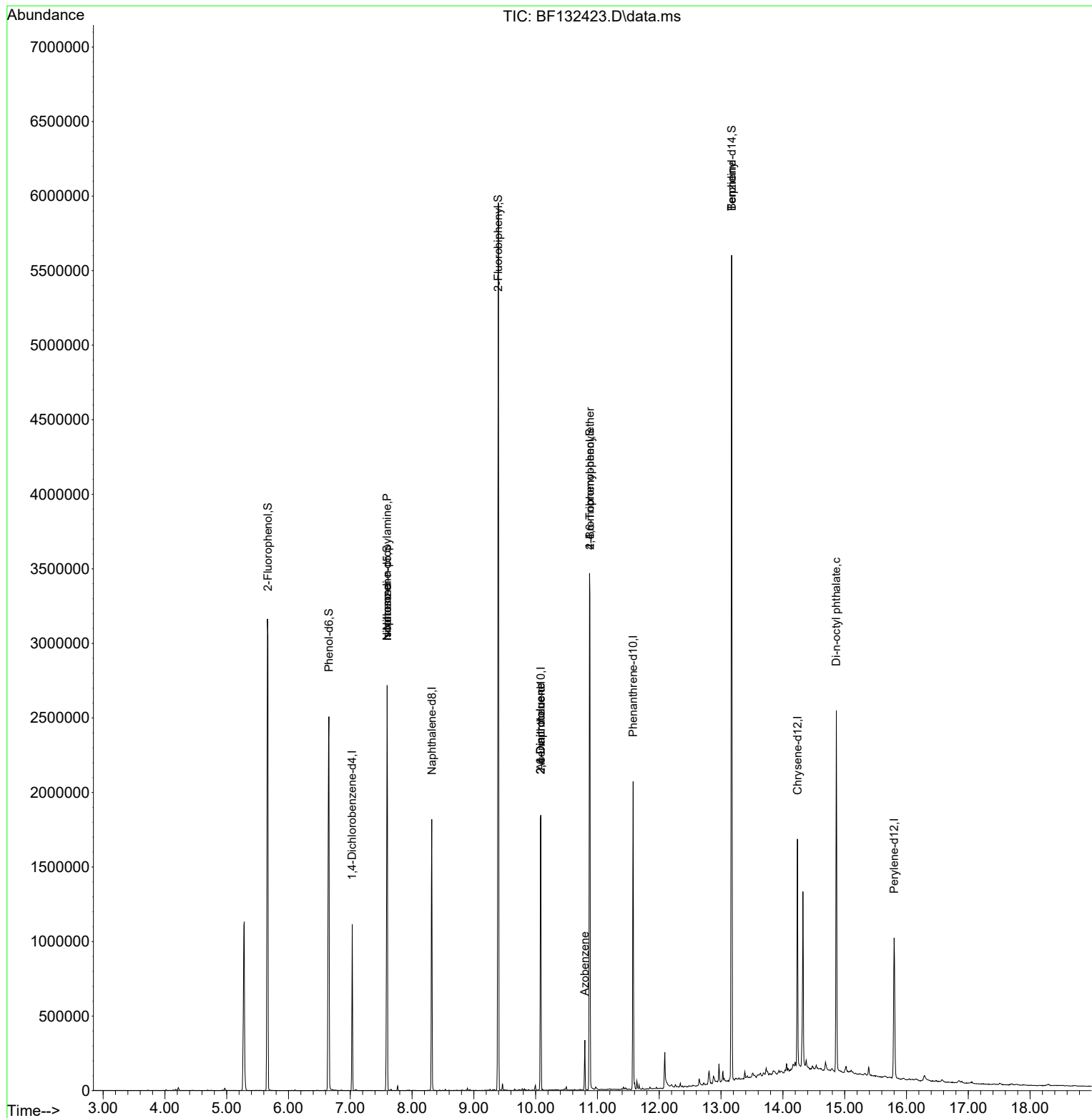
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	162393	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	783904	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	402278	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	718507	20.000	ng	0.00
76) Chrysene-d12	14.236	240	489032	20.000	ng	# 0.00
86) Perylene-d12	15.801	264	449337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	1228362	138.033	ng	0.02
7) Phenol-d6	6.654	99	1225323	110.481	ng	0.00
23) Nitrobenzene-d5	7.595	82	991615	75.463	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	515926	96.375	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1809413	65.116	ng	0.00
79) Terphenyl-d14	13.172	244	1985422	68.281	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.595	70	120499	19.040	ng	# 71
25) Isophorone	7.595	82	989693	42.751	ng	# 61
51) 2,6-Dinitrotoluene	10.078	165	52071	7.834	ng	# 31
57) 2,4-Dinitrotoluene	10.078	165	52071	5.963	ng	# 29
63) Azobenzene	10.795	77	48138	2.011	ng	# 1
67) 4-Bromophenyl-phenylether	10.878	248	28648	3.416	ng	# 1
77) Benzidine	13.172	184	30758	4.421	ng	# 81
85) Di-n-octyl phthalate	14.866	149	255645	6.783	ng	# 53

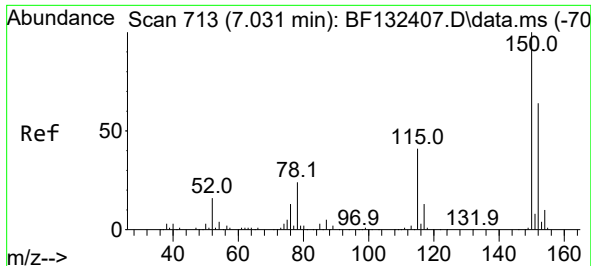
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132423.D
Acq On : 13 Feb 2023 22:23
Operator : CG\JU
Sample : 01328-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

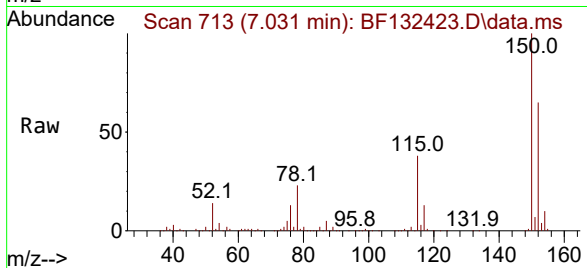
Quant Time: Feb 14 01:41:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 00:51:00 2023
Response via : Initial Calibration



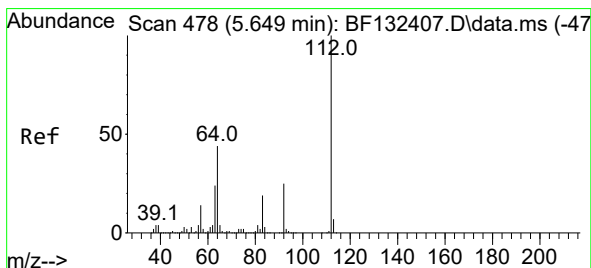
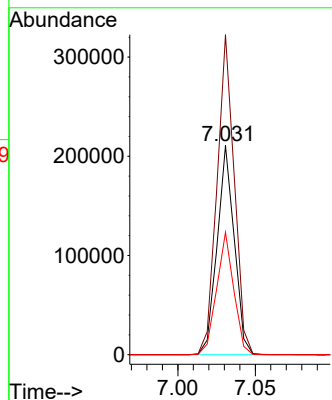
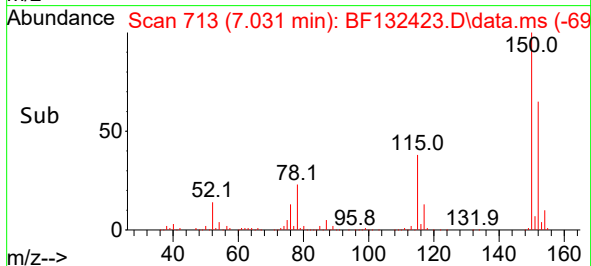


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Instrument :
BNA_F
ClientSampleId :

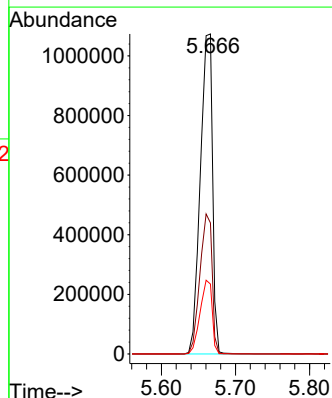
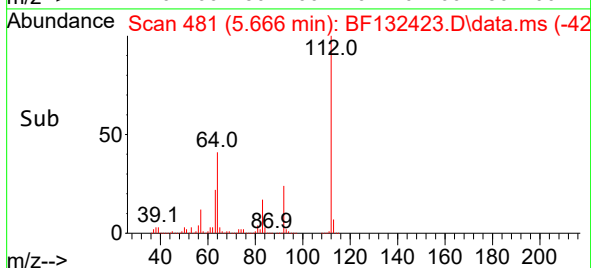
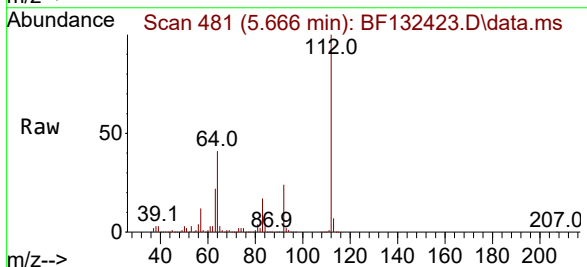


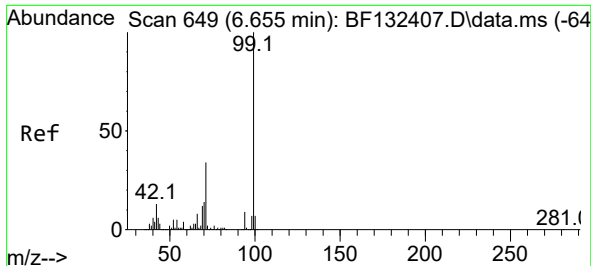
Tgt Ion:152 Resp: 162393
Ion Ratio Lower Upper
152 100
150 152.9 124.4 186.6
115 58.5 50.6 75.8



#5
2-Fluorophenol
Concen: 138.033 ng
RT: 5.666 min Scan# 481
Delta R.T. 0.017 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion:112 Resp: 1228362
Ion Ratio Lower Upper
112 100
64 41.0 34.8 52.2
63 21.9 19.3 28.9

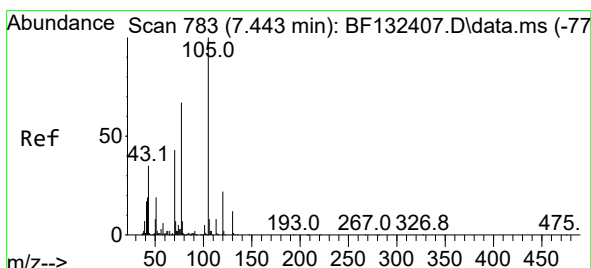
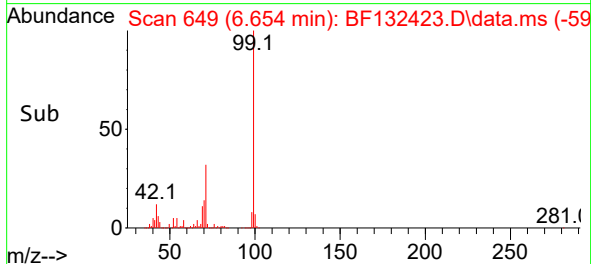
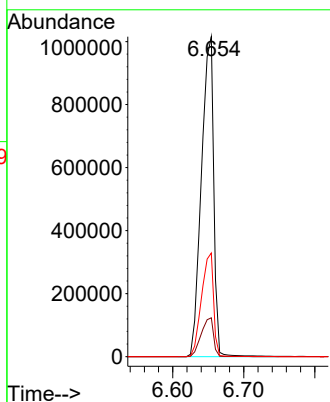
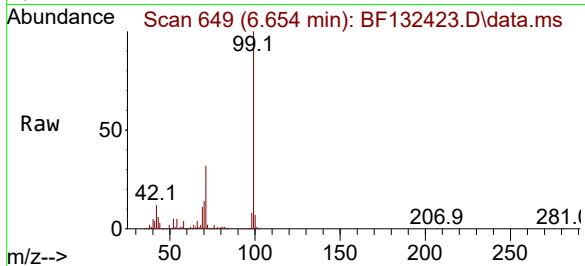




#7
Phenol-d6
Concen: 110.481 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.001 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

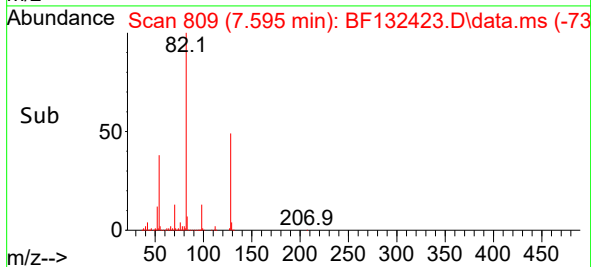
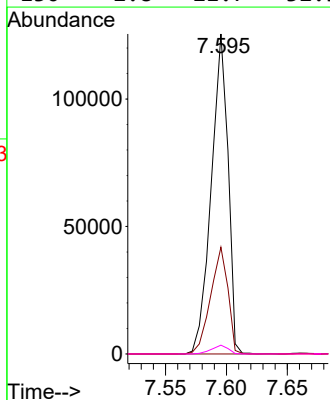
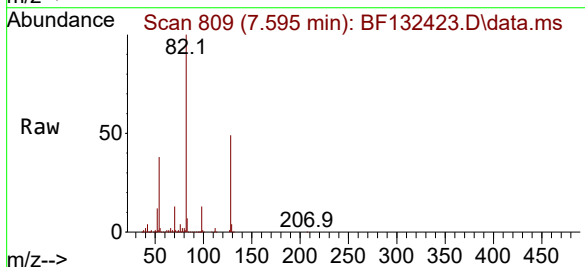
Instrument :
BNA_F
ClientSampleId :

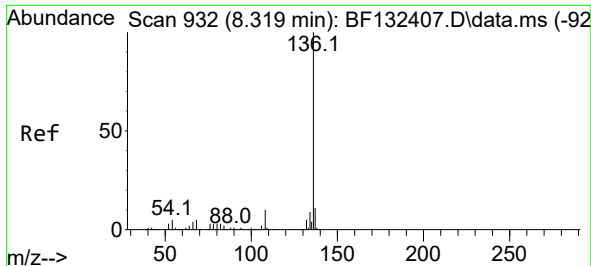
Tgt Ion: 99 Resp: 1225323
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 32.4 26.8 40.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.040 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion: 70 Resp: 120499
Ion Ratio Lower Upper
70 100
42 33.4 36.0 54.0#
101 0.0 9.4 14.2#
130 2.8 21.7 32.5#

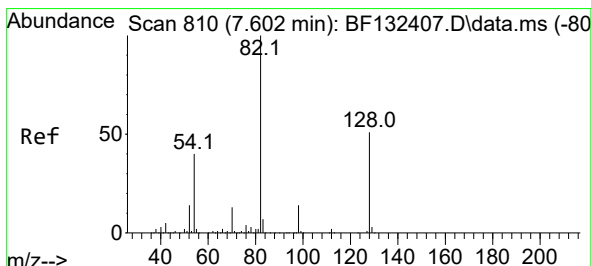
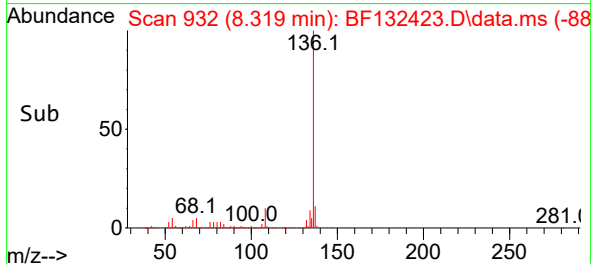
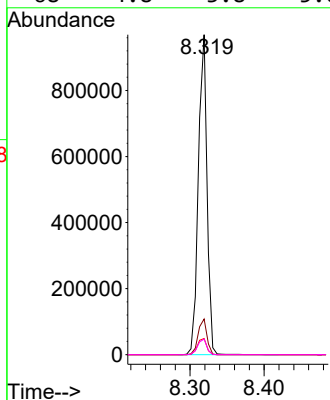
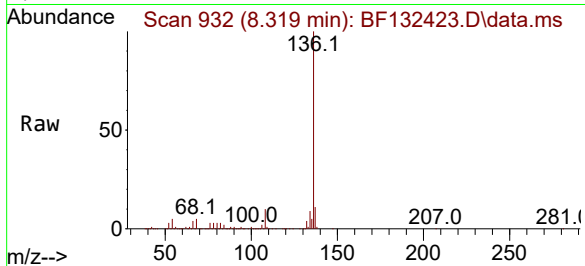




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

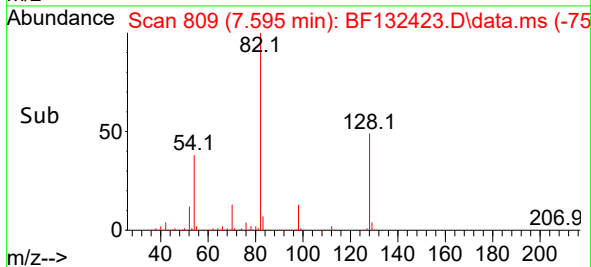
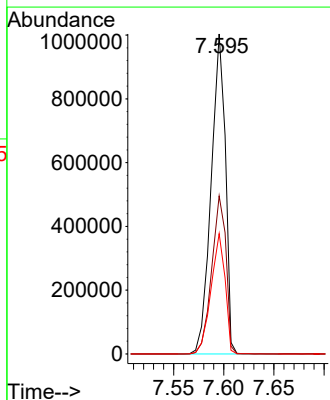
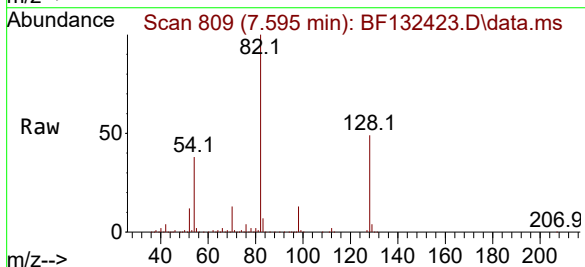
Instrument :
BNA_F
ClientSampleId :

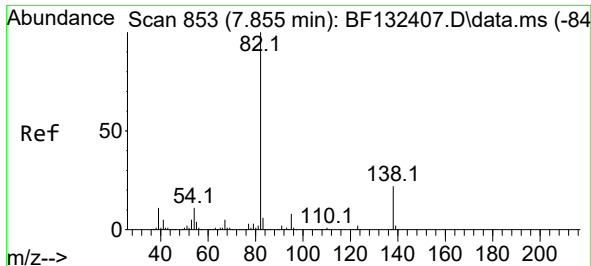
Tgt Ion:136 Resp: 783904
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 5.1 4.2 6.2
68 4.8 3.8 5.6



#23
Nitrobenzene-d5
Concen: 75.463 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion: 82 Resp: 991615
Ion Ratio Lower Upper
82 100
128 49.4 40.7 61.1
54 37.6 32.3 48.5

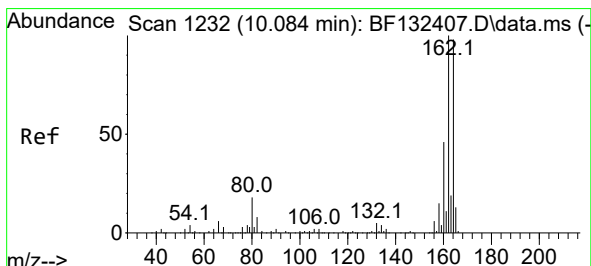
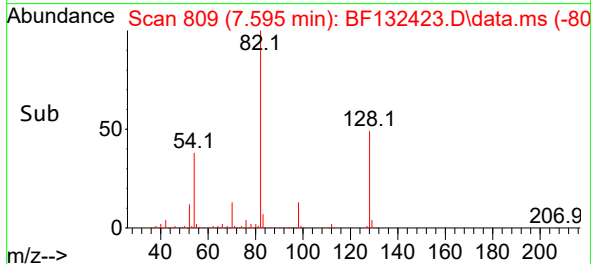
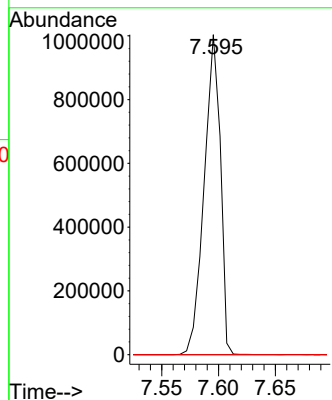
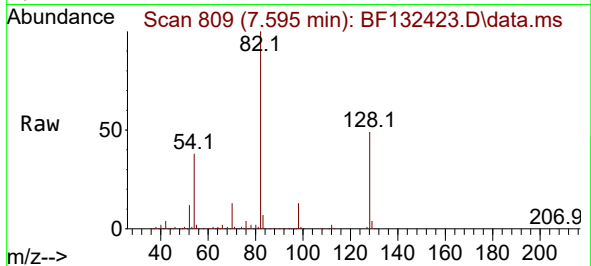




#25
Isophorone
Concen: 42.751 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.259 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

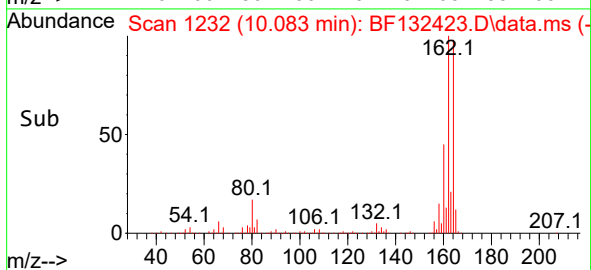
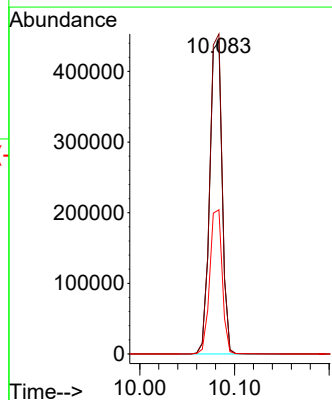
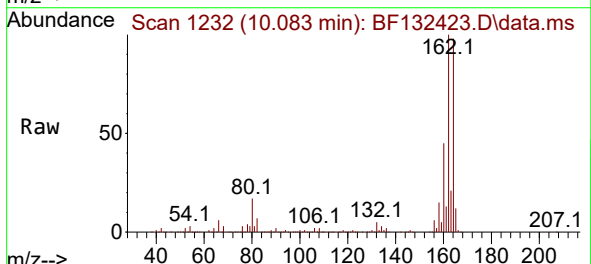
Instrument :
BNA_F
ClientSampleId :

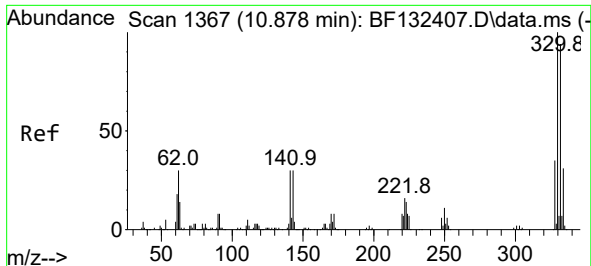
Tgt Ion: 82 Resp: 989693
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 17.2 25.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.001 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

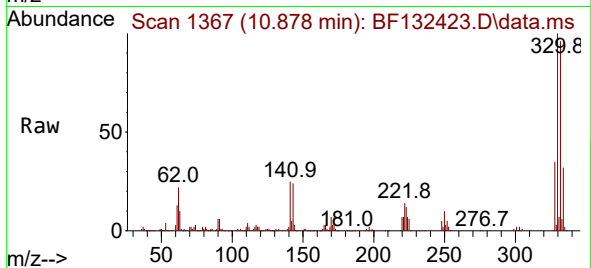
Tgt Ion:164 Resp: 402278
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 46.1 37.4 56.0



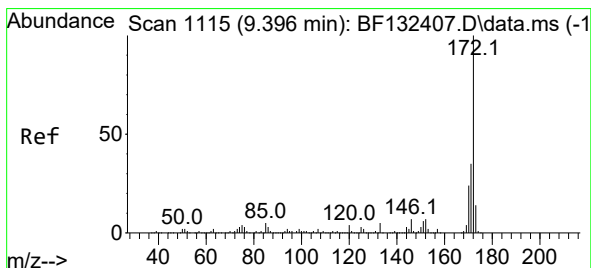
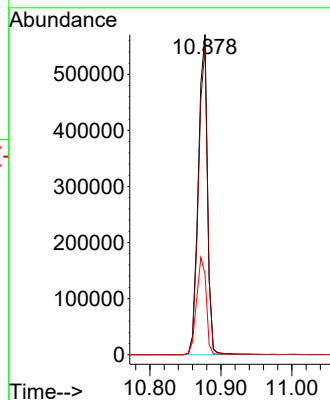
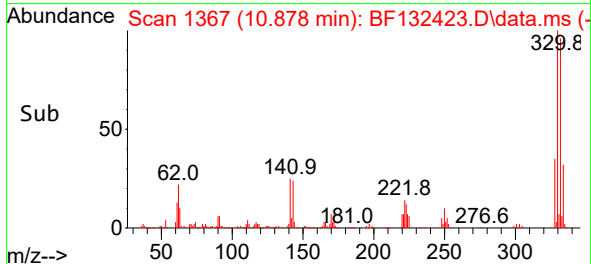


#42
2,4,6-Tribromophenol
Concen: 96.375 ng
RT: 10.878 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Instrument :
BNA_F
ClientSampleId :

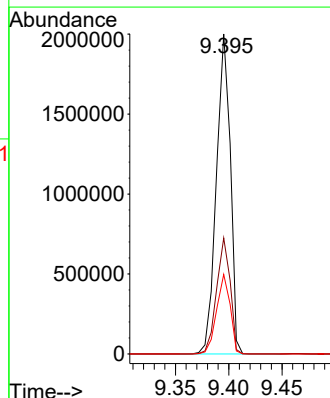
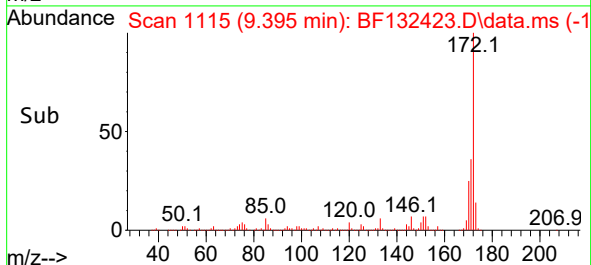
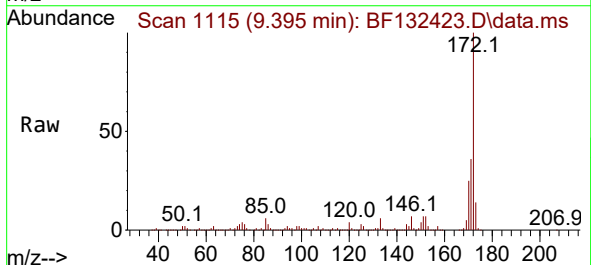


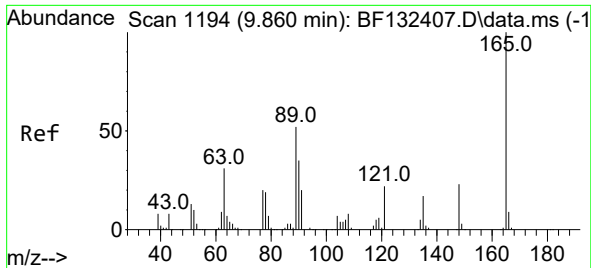
Tgt Ion:330 Resp: 515926
Ion Ratio Lower Upper
330 100
332 95.1 76.7 115.1
141 31.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 65.116 ng
RT: 9.395 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion:172 Resp: 1809413
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 24.9 19.3 28.9

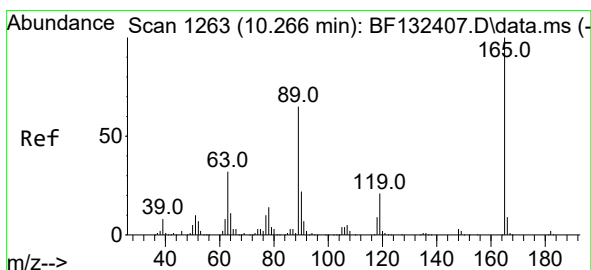
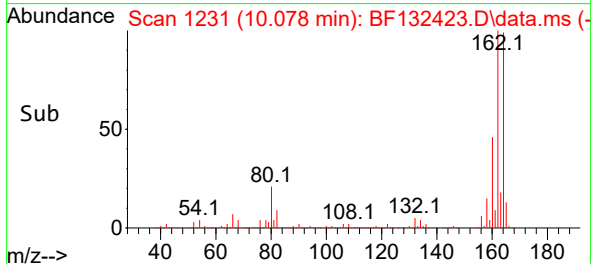
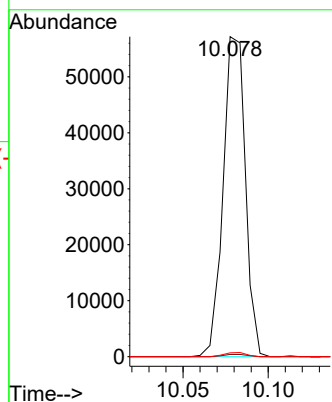
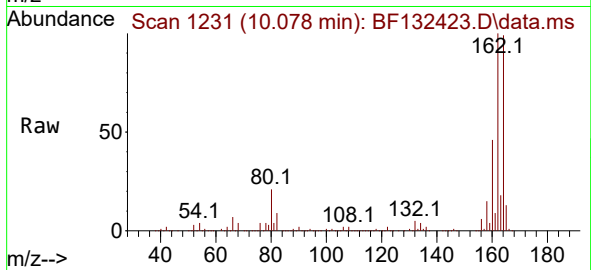




#51
2,6-Dinitrotoluene
Concen: 7.834 ng
RT: 10.078 min Scan# 1194
Delta R.T. 0.218 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

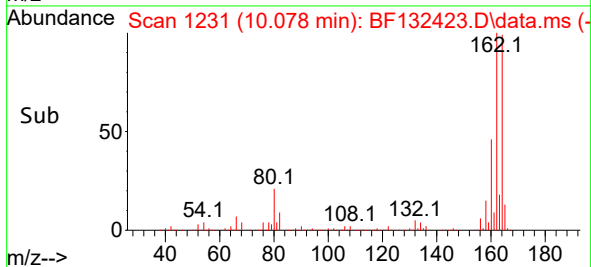
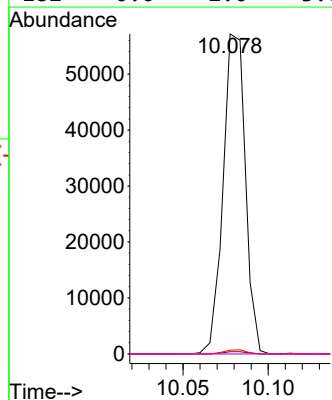
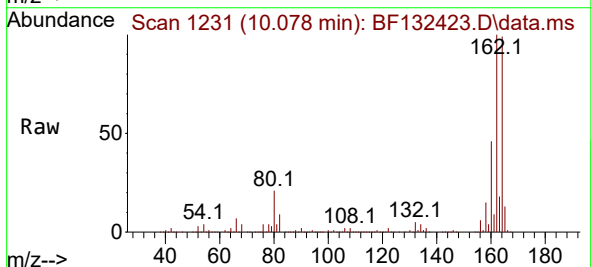
Instrument :
BNA_F
ClientSampleId :

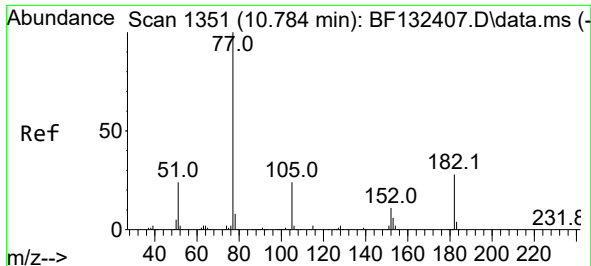
Tgt Ion:165 Resp: 52071
Ion Ratio Lower Upper
165 100
63 0.7 34.0 51.0#
89 1.2 41.8 62.6#



#57
2,4-Dinitrotoluene
Concen: 5.963 ng
RT: 10.078 min Scan# 1231
Delta R.T. -0.188 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

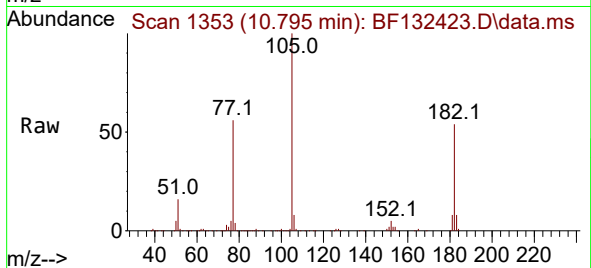
Tgt Ion:165 Resp: 52071
Ion Ratio Lower Upper
165 100
63 0.7 25.4 38.2#
89 1.2 52.2 78.2#
182 0.0 2.0 3.0#



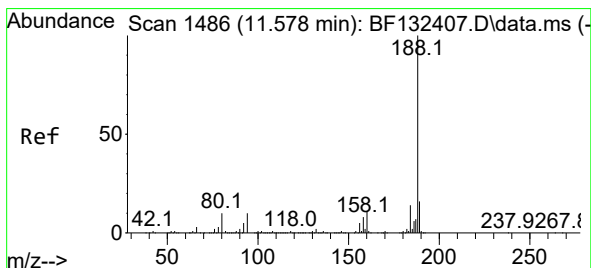
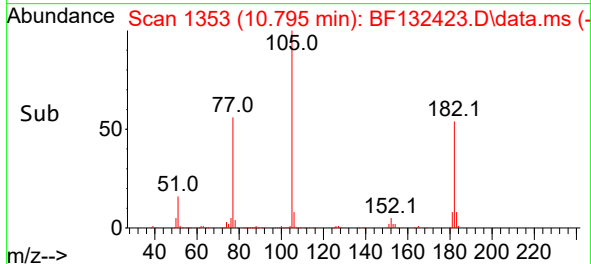
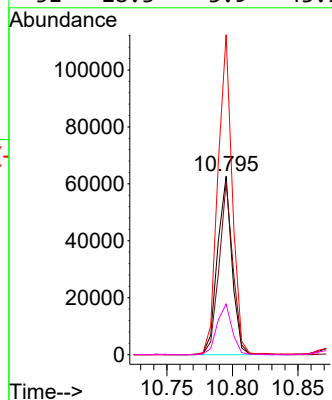


#63
Azobenzene
Concen: 2.011 ng
RT: 10.795 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Instrument :
BNA_F
ClientSampleId :

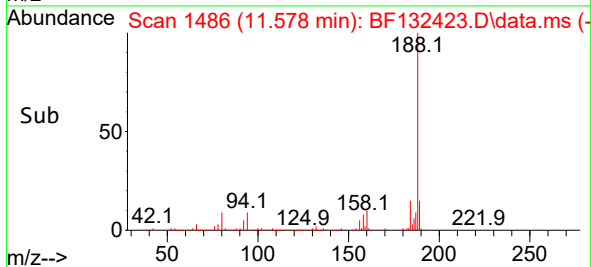
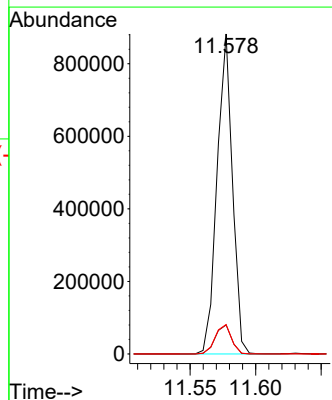
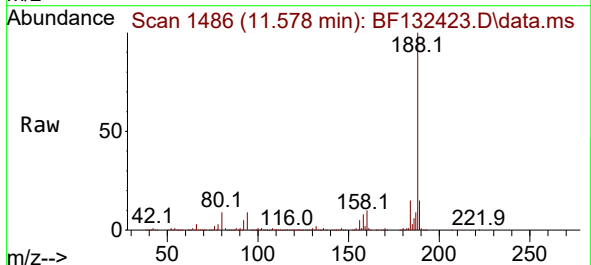


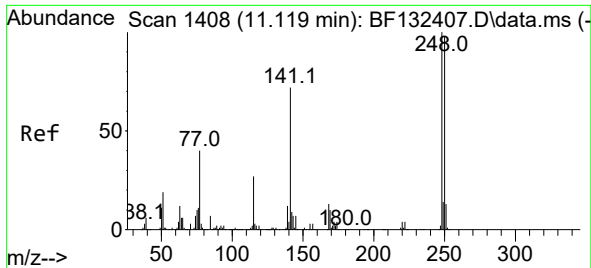
Tgt Ion: 77 Resp: 48138
Ion Ratio Lower Upper
77 100
182 97.1 8.3 48.3#
105 179.3 3.9 43.9#
51 28.3 3.9 43.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.578 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion: 188 Resp: 718507
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.2 7.6 11.4

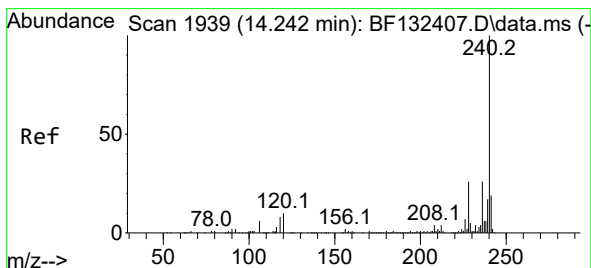
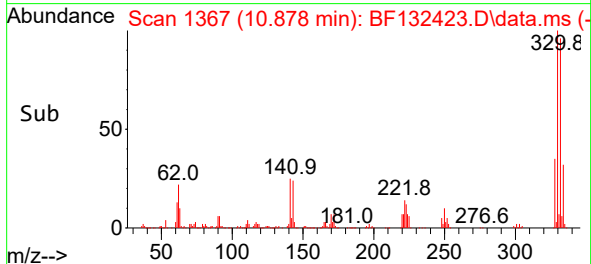
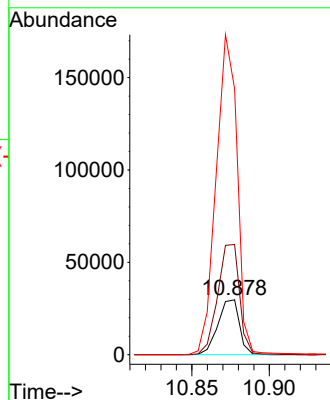
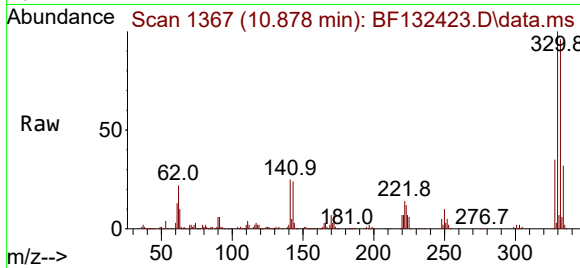




#67
4-Bromophenyl-phenylether
Concen: 3.416 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

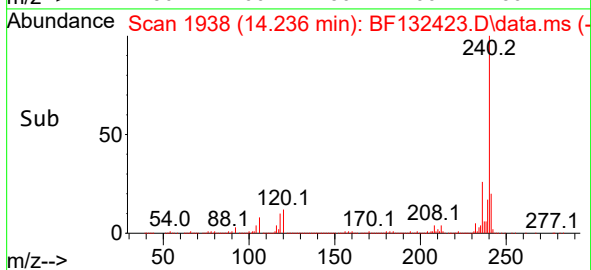
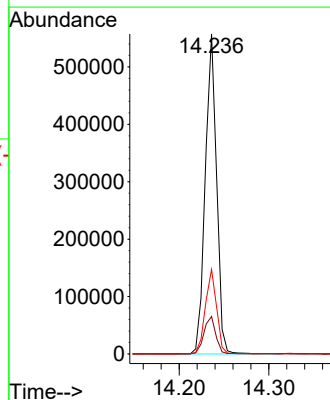
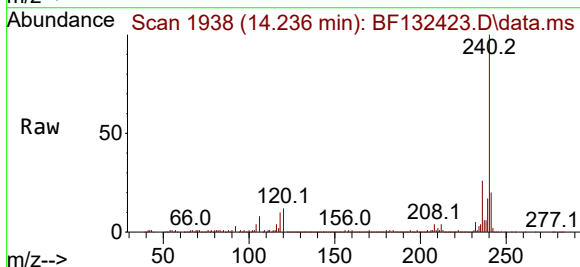
Instrument :
BNA_F
ClientSampleId :

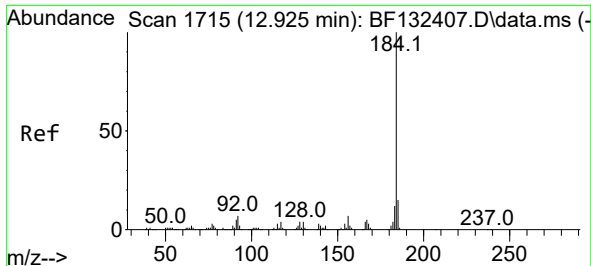
Tgt Ion:248 Resp: 28648
Ion Ratio Lower Upper
248 100
250 200.8 78.1 117.1#
141 484.3 57.9 86.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion:240 Resp: 489032
Ion Ratio Lower Upper
240 100
120 11.7 7.7 11.5#
236 26.5 21.1 31.7

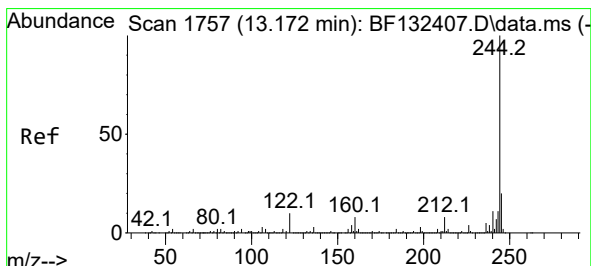
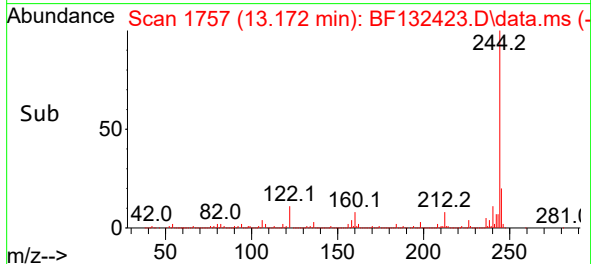
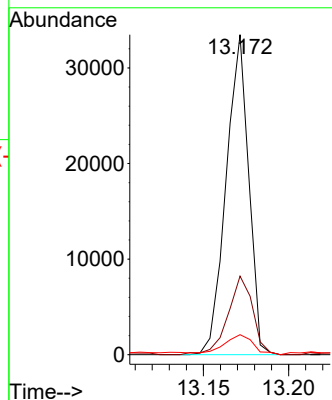
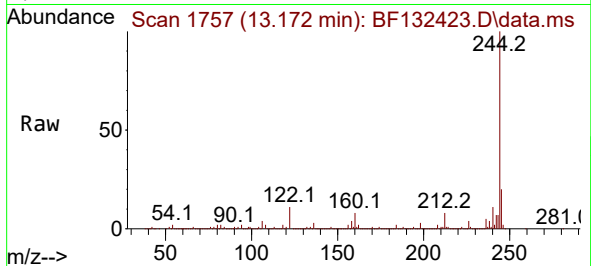




#77
Benzidine
Concen: 4.421 ng
RT: 13.172 min Scan# 1757
Delta R.T. 0.247 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

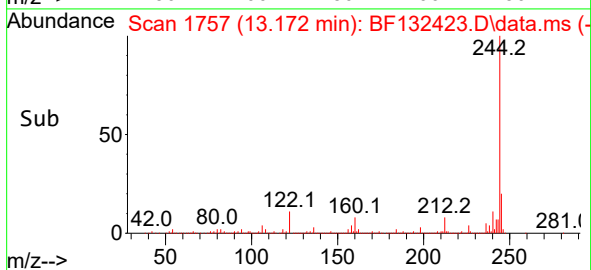
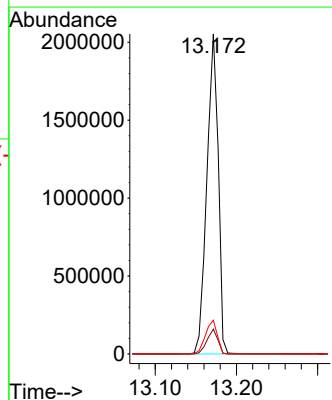
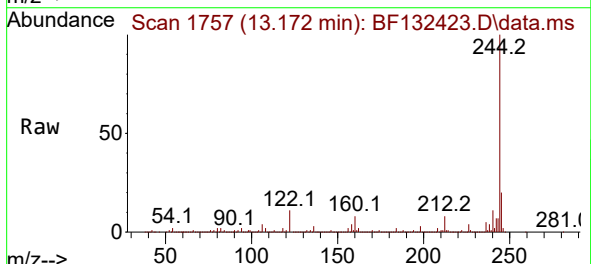
Instrument :
BNA_F
ClientSampleId :

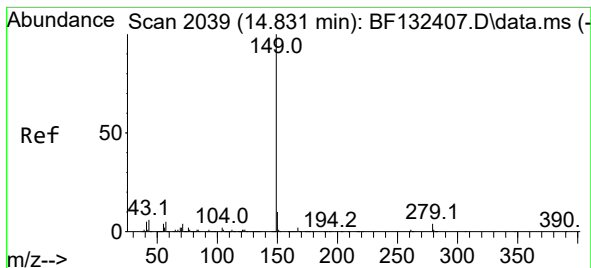
Tgt Ion:184 Resp: 30758
Ion Ratio Lower Upper
184 100
185 24.6 12.2 18.2#
183 6.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 68.281 ng
RT: 13.172 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion:244 Resp: 1985422
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 10.5 8.2 12.4





#85

Di-n-octyl phthalate

Concen: 6.783 ng

RT: 14.866 min Scan# 2045

Delta R.T. 0.035 min

Lab File: BF132423.D

Acq: 13 Feb 2023 22:23

Instrument :

BNA_F

ClientSampleId :

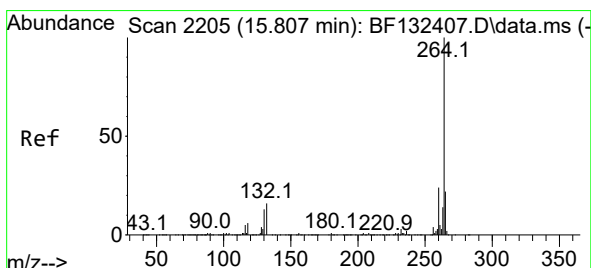
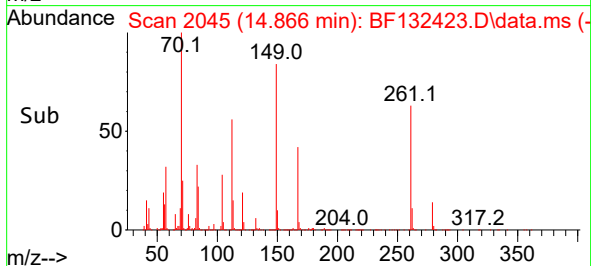
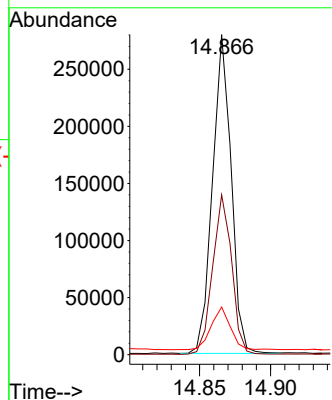
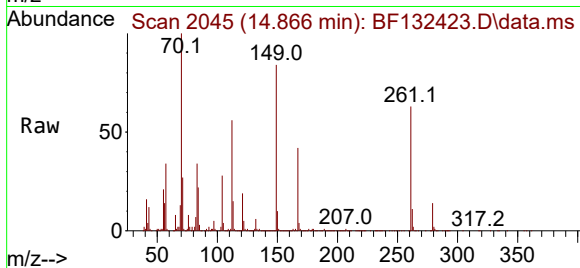
Tgt Ion:149 Resp: 255645

Ion Ratio Lower Upper

149 100

167 51.1 1.2 1.8#

43 13.9 4.6 6.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.801 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF132423.D

Acq: 13 Feb 2023 22:23

Tgt Ion:264 Resp: 449337

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.8 17.7 26.5

