

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128378.D
 Acq On : 20 May 2022 22:06
 Operator : CG\JU
 Sample : N2943-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Quant Time: May 23 02:40:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

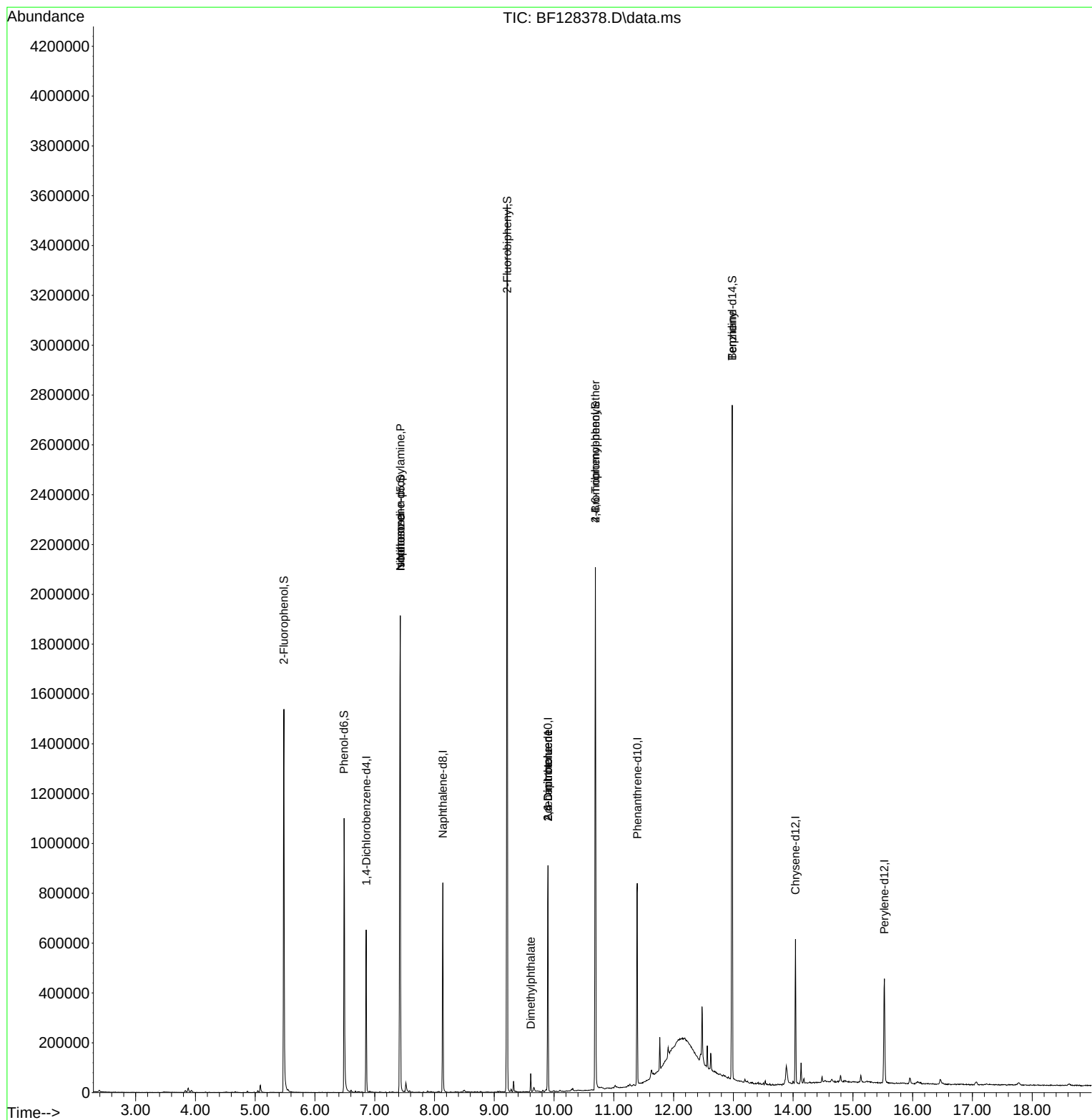
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	89928	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	339096	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	182541	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	307533	20.000	ng	0.00
76) Chrysene-d12	14.039	240	186457	20.000	ng	-0.01
86) Perylene-d12	15.527	264	184832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	411376	72.797	ng	0.00
7) Phenol-d6	6.487	99	355083	47.719	ng	-0.01
23) Nitrobenzene-d5	7.428	82	670925	88.650	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	235660	125.182	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1037837	92.977	ng	0.00
79) Terphenyl-d14	12.980	244	931868	96.478	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	504	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	91559	20.573	ng	# 77
25) Isophorone	7.428	82	670916	57.847	ng	# 68
50) Dimethylphthalate	9.610	163	24816	2.134	ng	100
51) 2,6-Dinitrotoluene	9.898	165	23141	9.100	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	23141	7.222	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	14030	4.359	ng	# 1
77) Benzidine	12.980	184	13740	3.543	ng	# 94

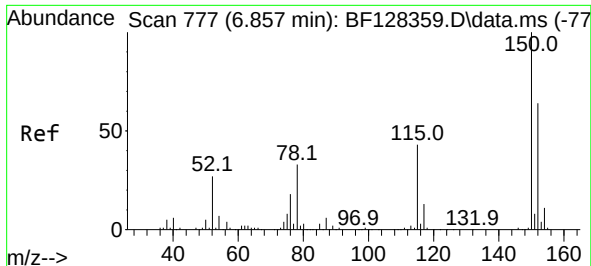
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
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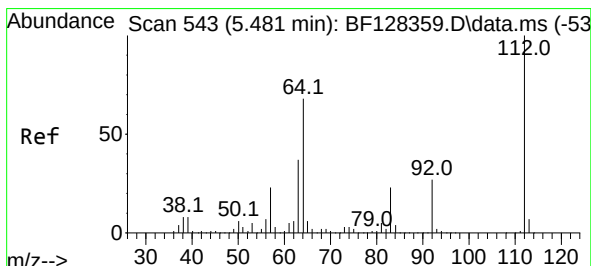
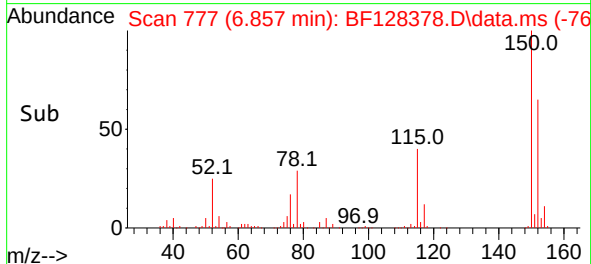
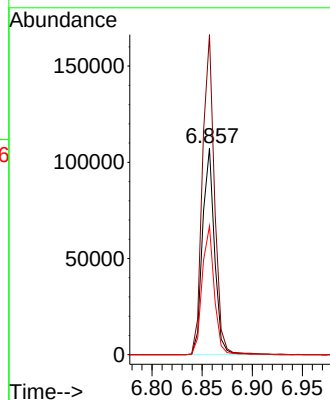
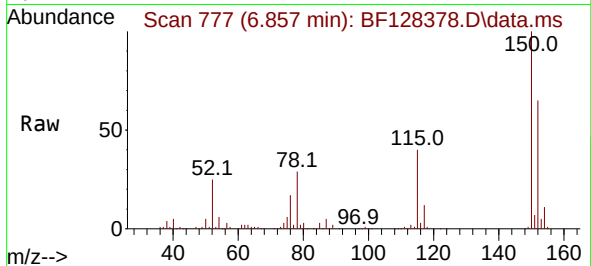




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

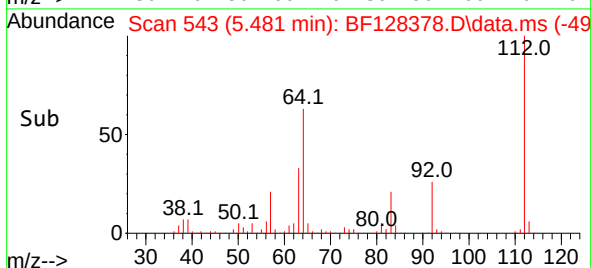
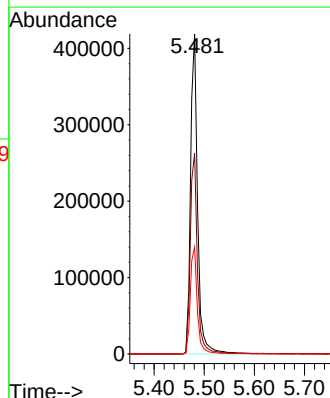
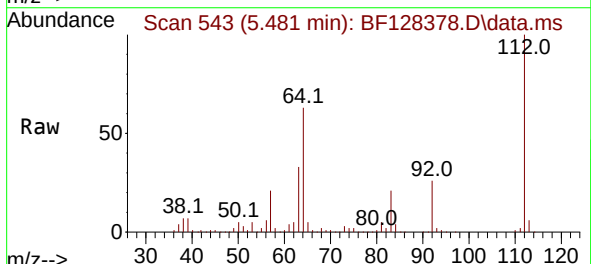
Instrument :
BNA_F
ClientSampleId :
MW-37

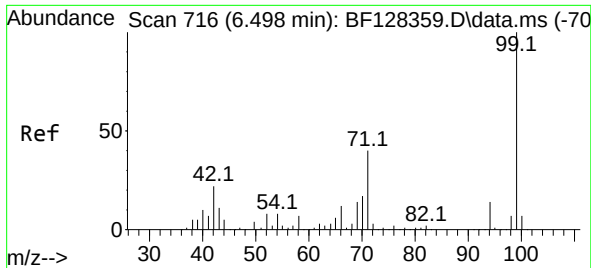
Tgt Ion:152 Resp: 89928
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 62.3 48.8 73.2



#5
2-Fluorophenol
Concen: 72.797 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Tgt Ion:112 Resp: 411376
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 33.4 26.3 39.5

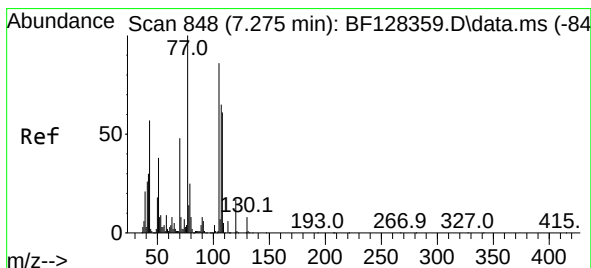
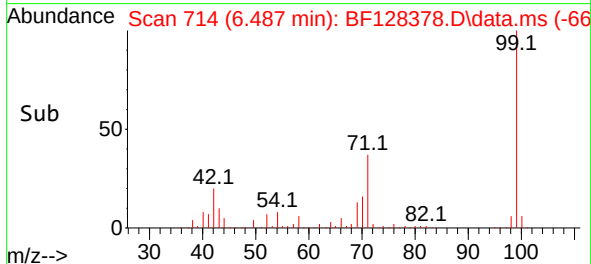
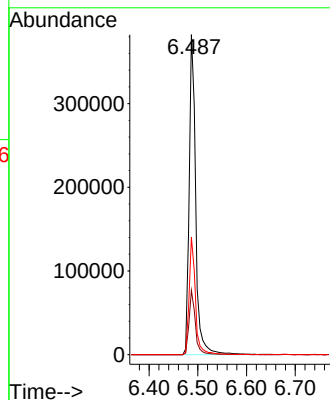
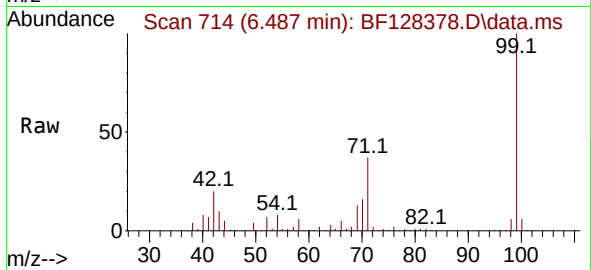




#7
Phenol-d6
Concen: 47.719 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

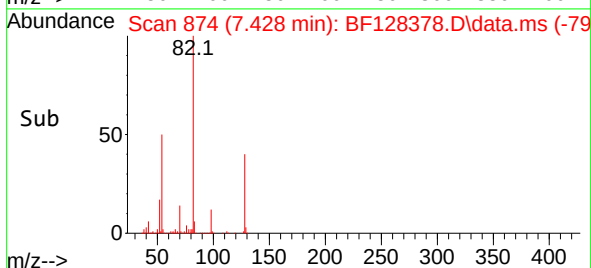
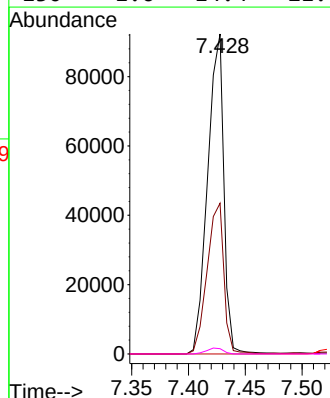
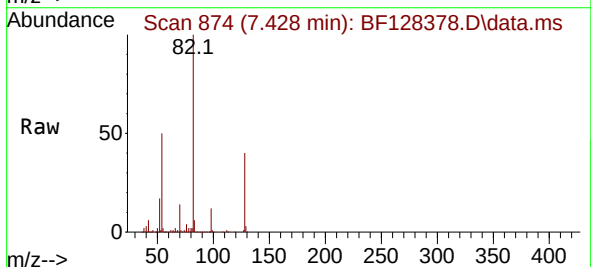
Instrument :
BNA_F
ClientSampleId :
MW-37

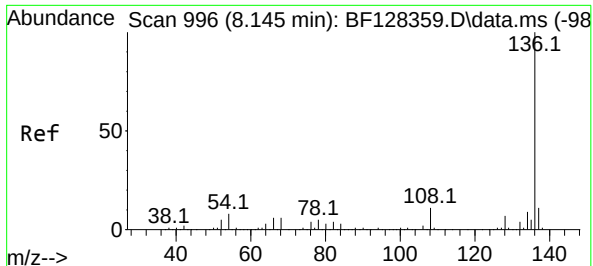
Tgt Ion: 99 Resp: 355083
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 36.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.573 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Tgt Ion: 70 Resp: 91559
Ion Ratio Lower Upper
70 100
42 47.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



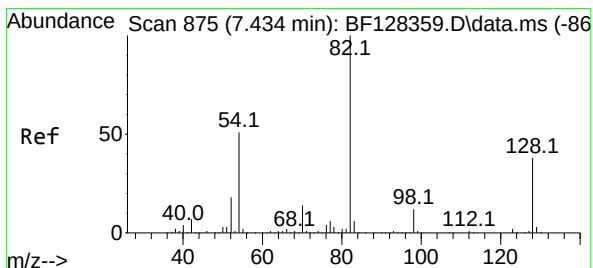
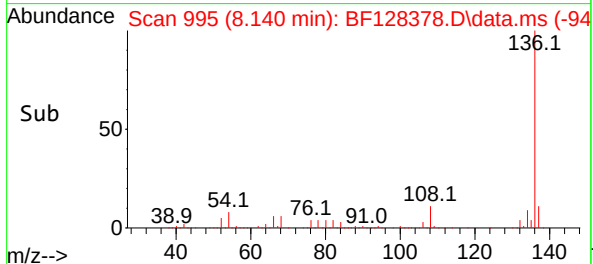
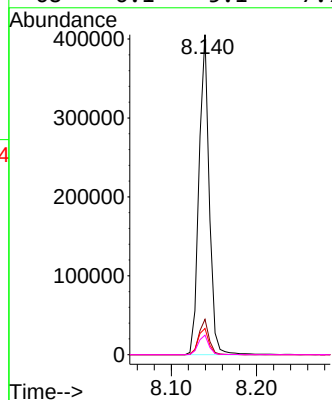
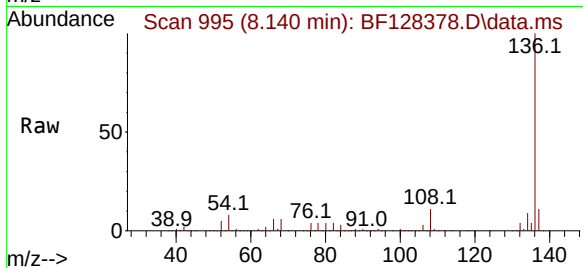


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion:136 Resp: 339096

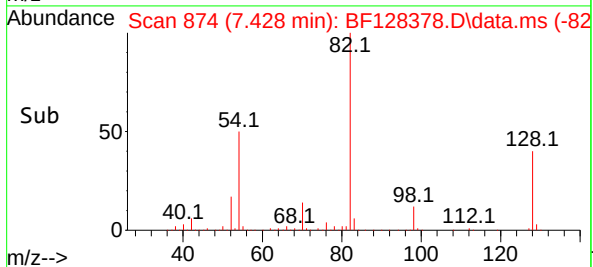
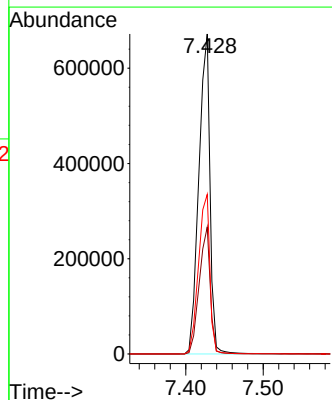
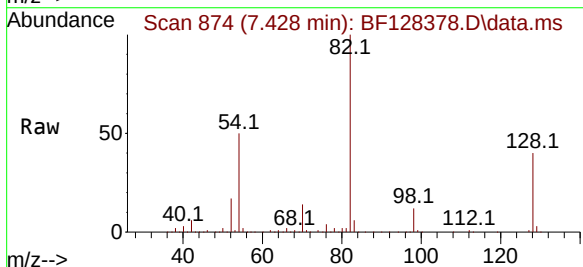
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.2	6.8	10.2
68	6.1	5.1	7.7

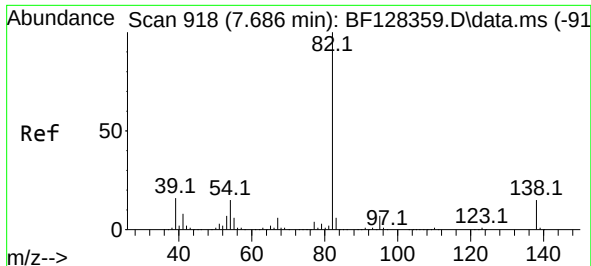


#23
Nitrobenzene-d5
Concen: 88.650 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Tgt Ion: 82 Resp: 670925

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.0	45.0
54	49.9	41.3	61.9

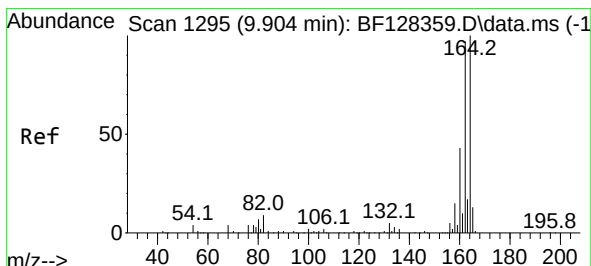
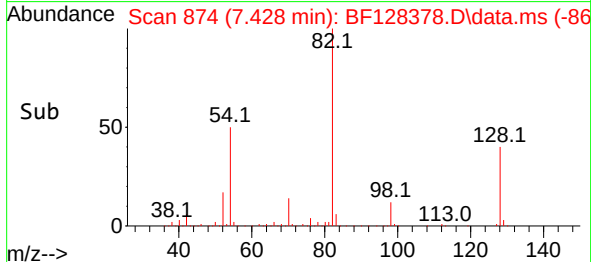
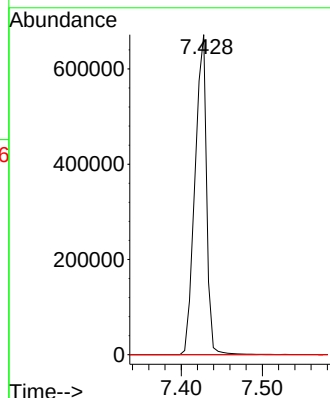
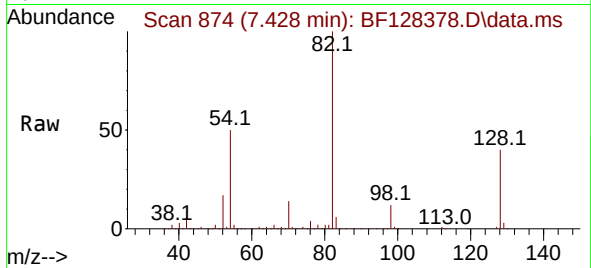




#25
Isophorone
Concen: 57.847 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

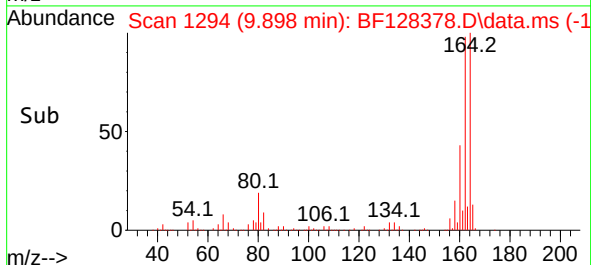
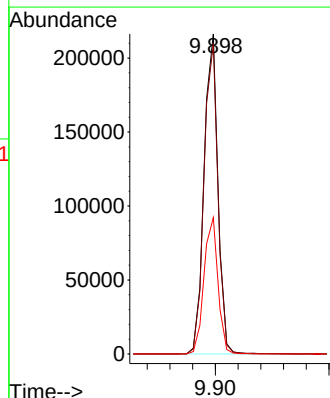
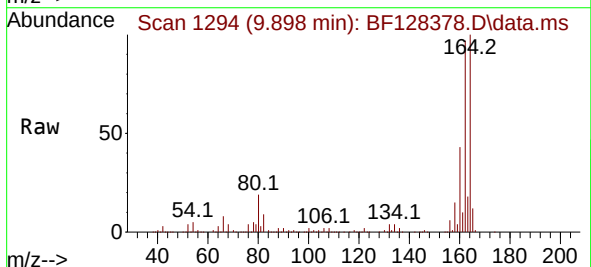
Instrument :
BNA_F
ClientSampleId :
MW-37

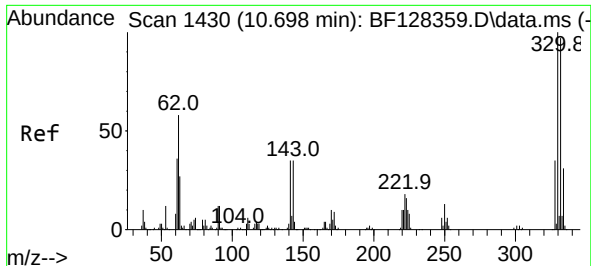
Tgt Ion: 82 Resp: 670916
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

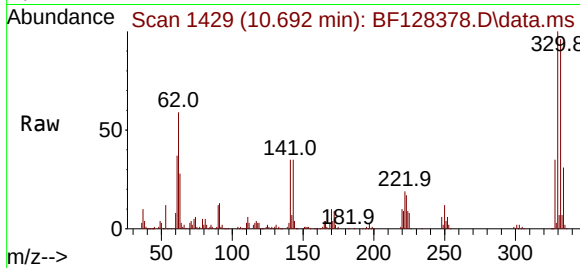
Tgt Ion: 164 Resp: 182541
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 42.6 34.8 52.2



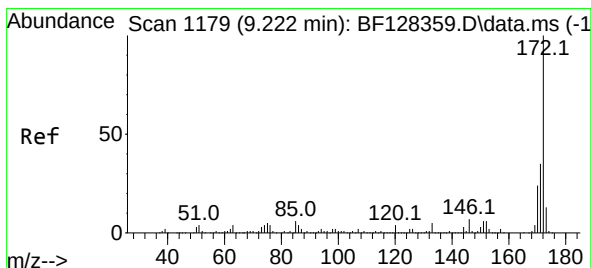
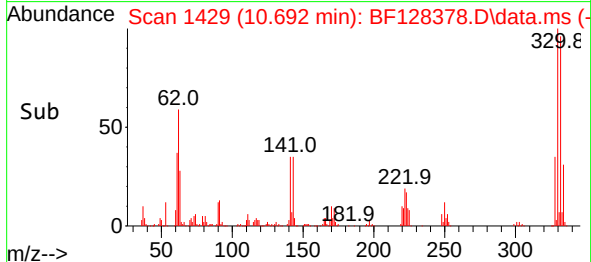
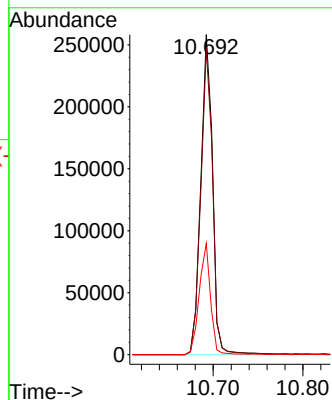


#42
2,4,6-Tribromophenol
Concen: 125.182 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Instrument :
BNA_F
ClientSampleId :
MW-37

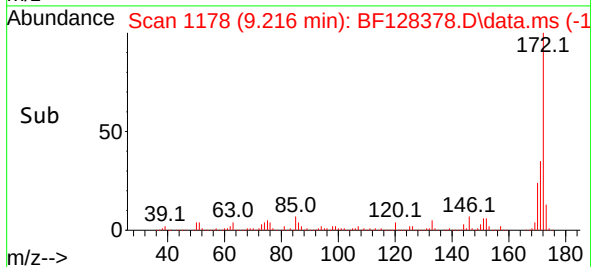
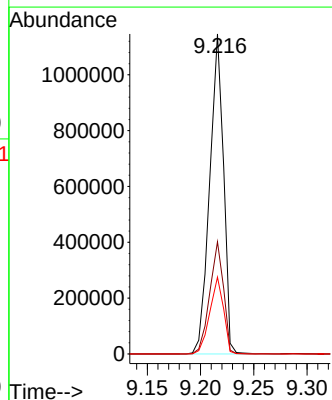
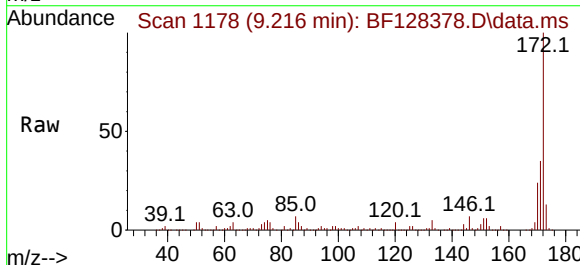


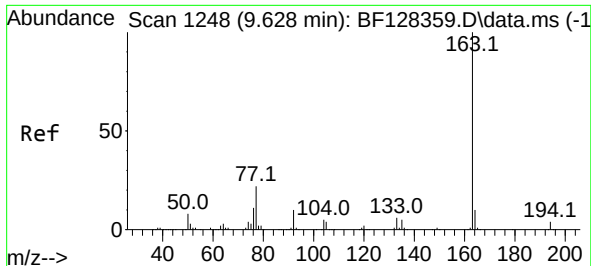
Tgt Ion: 330 Resp: 235660
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 92.977 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Tgt Ion: 172 Resp: 1037837
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 24.0 19.1 28.7

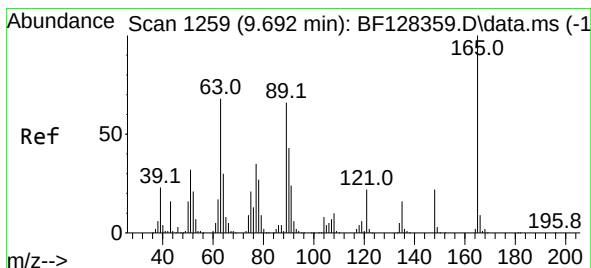
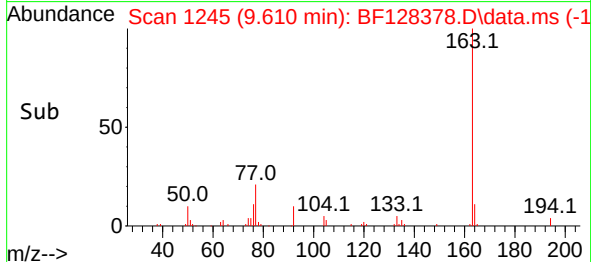
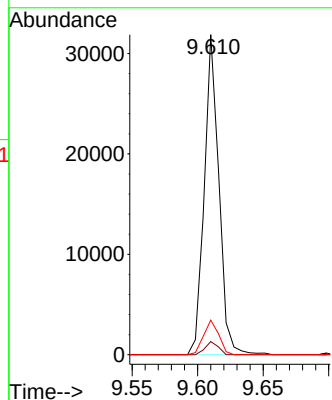
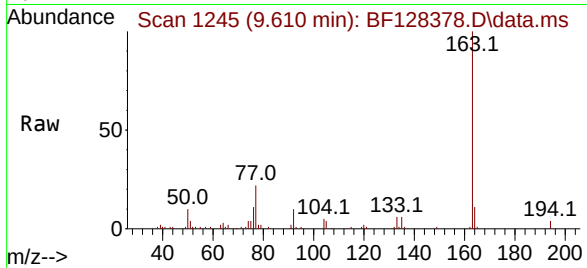




#50
Dimethylphthalate
Concen: 2.134 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

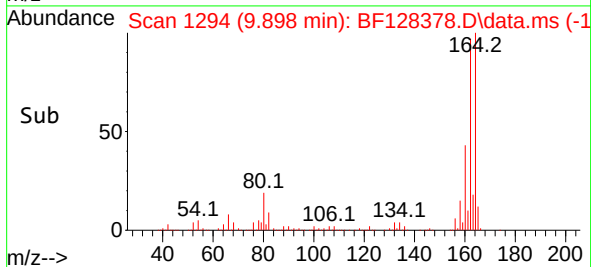
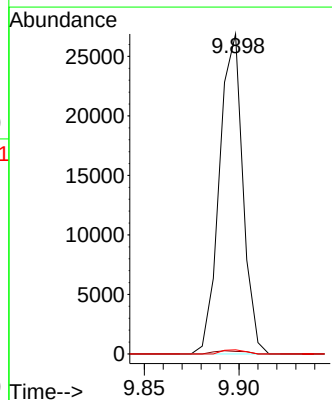
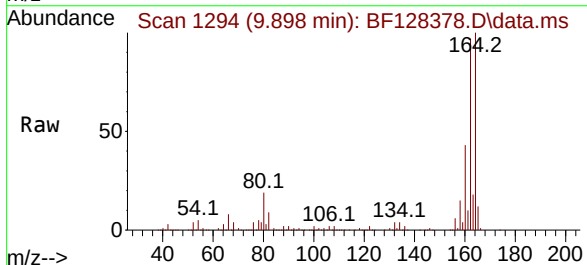
Instrument :
BNA_F
ClientSampleId :
MW-37

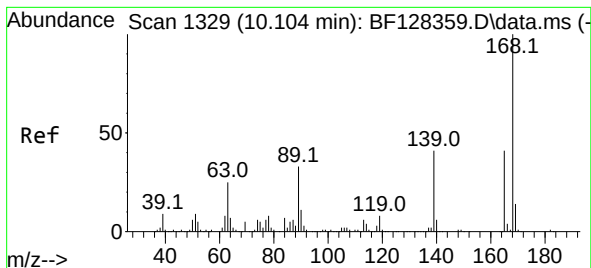
Tgt Ion:163 Resp: 24816
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.8 8.6 13.0



#51
2,6-Dinitrotoluene
Concen: 9.100 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Tgt Ion:165 Resp: 23141
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.3 49.0 73.4#

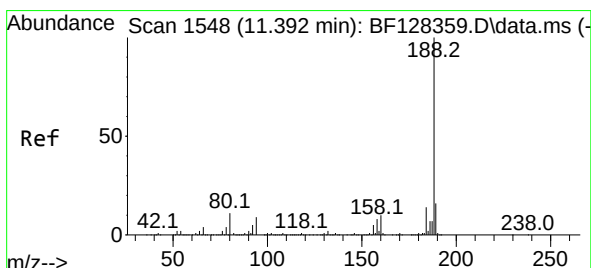
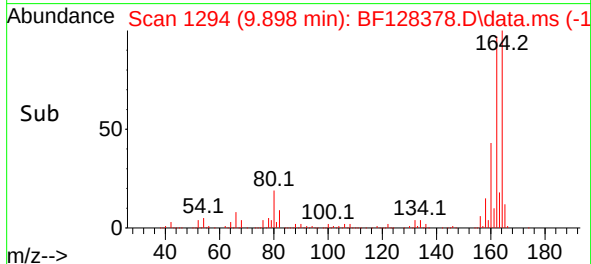
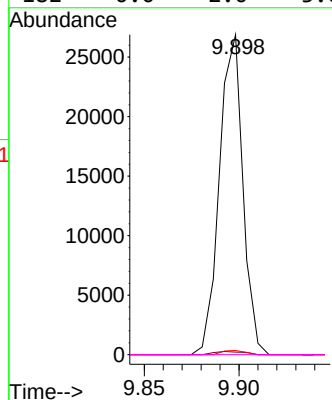
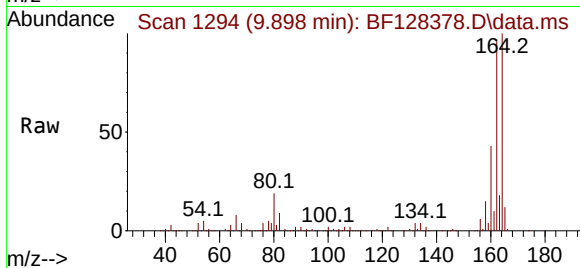




#57
2,4-Dinitrotoluene
Concen: 7.222 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

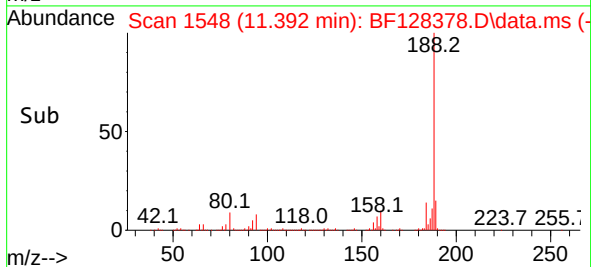
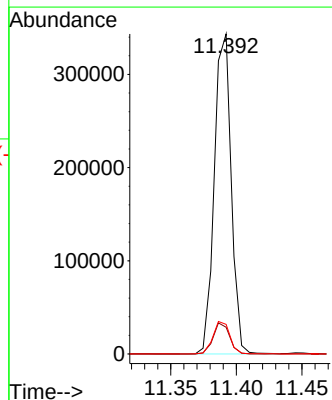
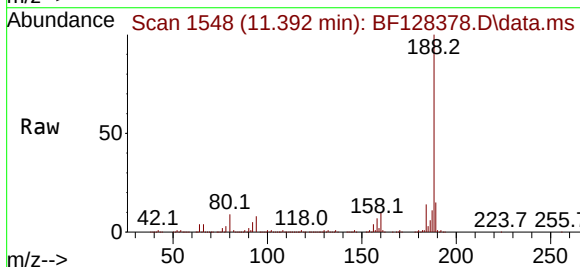
Instrument :
BNA_F
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MW-37

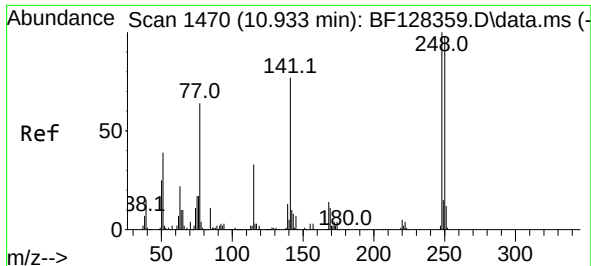
Tgt Ion:165 Resp: 23141
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Tgt Ion:188 Resp: 307533
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.2 8.9 13.3

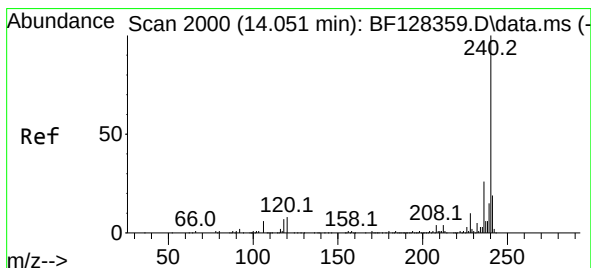
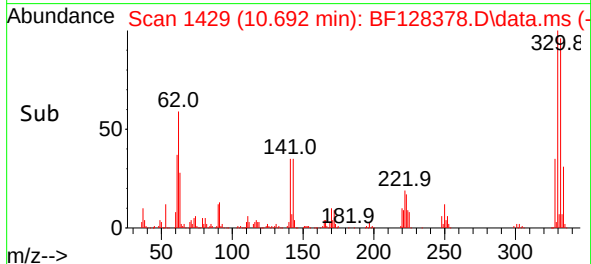
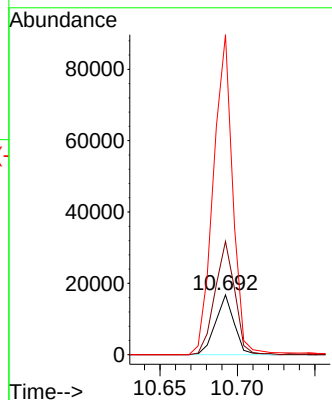
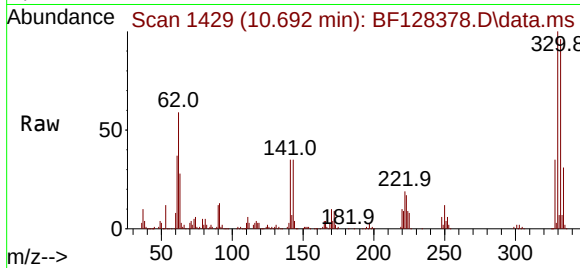




#67
4-Bromophenyl-phenylether
Concen: 4.359 ng
RT: 10.692 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

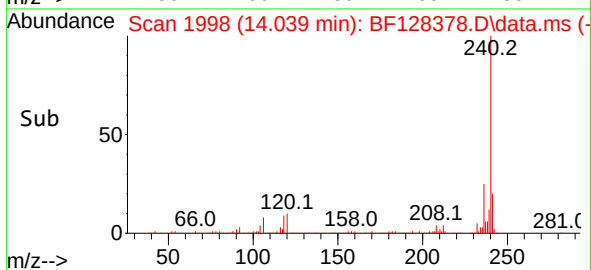
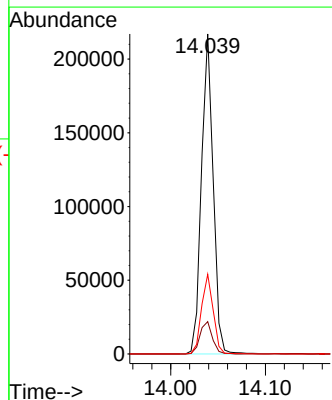
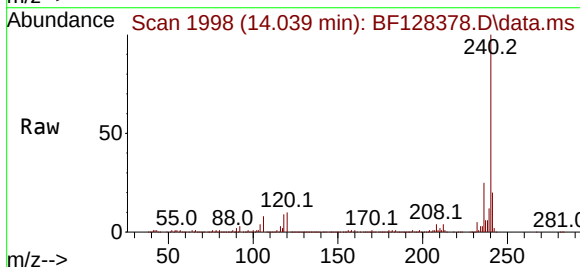
Instrument :
BNA_F
ClientSampleId :
MW-37

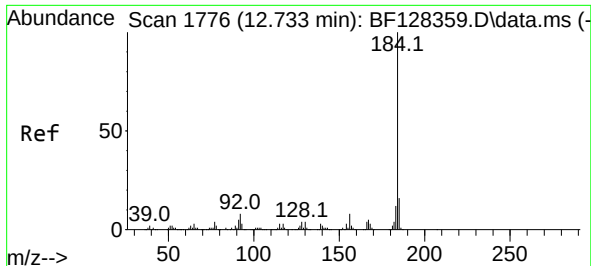
Tgt Ion:248 Resp: 14030
Ion Ratio Lower Upper
248 100
250 189.5 77.7 116.5#
141 535.3 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

Tgt Ion:240 Resp: 186457
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 24.9 20.3 30.5

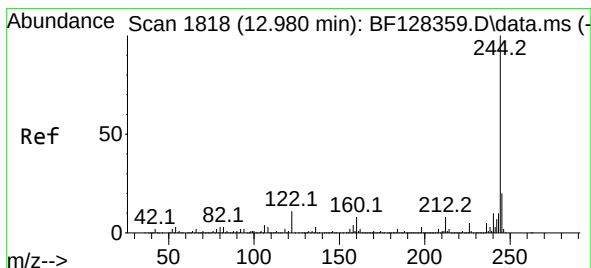
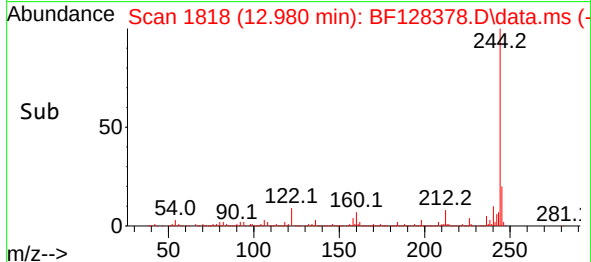
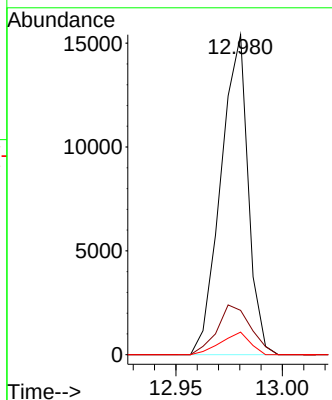
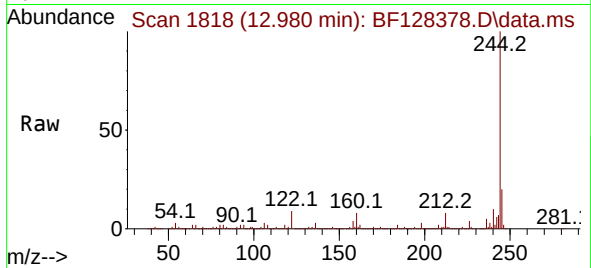




#77
Benzidine
Concen: 3.543 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

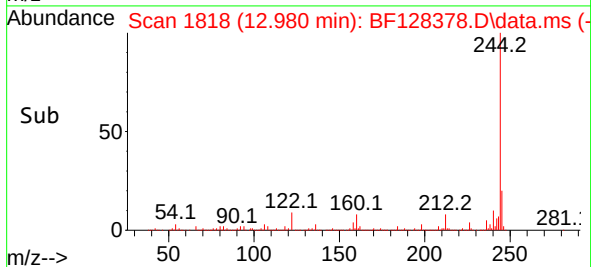
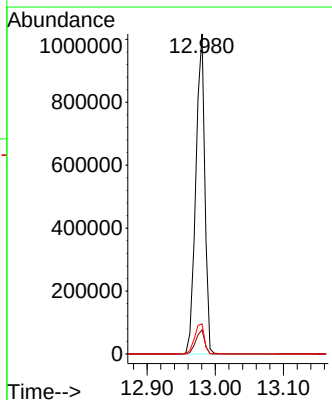
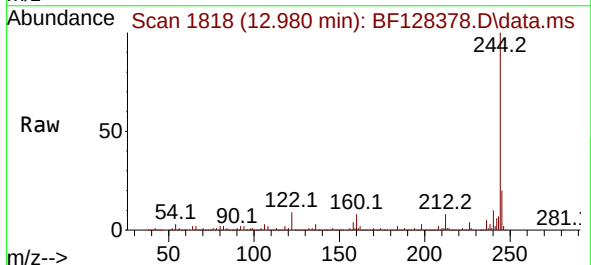
Instrument :
BNA_F
ClientSampleId :
MW-37

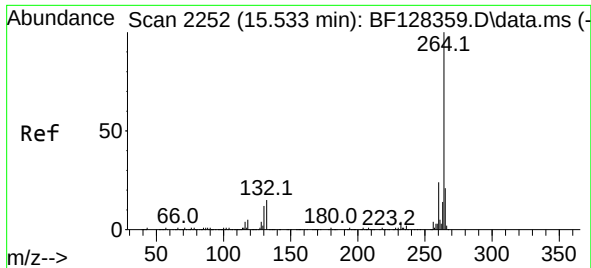
Tgt Ion:184 Resp: 13740
Ion Ratio Lower Upper
184 100
185 13.8 12.1 18.1
183 7.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 96.478 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF128378.D
Acq: 20 May 2022 22:06

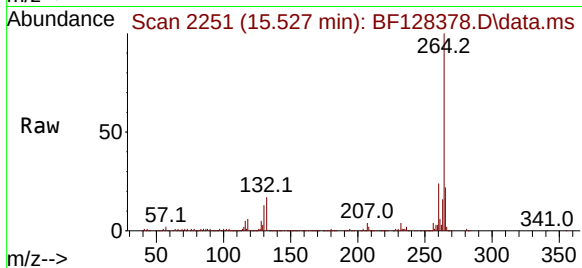
Tgt Ion:244 Resp: 931868
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.4 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128378.D
 Acq: 20 May 2022 22:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-37



Tgt Ion:264 Resp: 184832
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 21.8 17.5 26.3

