

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128372.D
 Acq On : 20 May 2022 19:09
 Operator : CG\JU
 Sample : N2943-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-43

Quant Time: May 23 02:39:28 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)

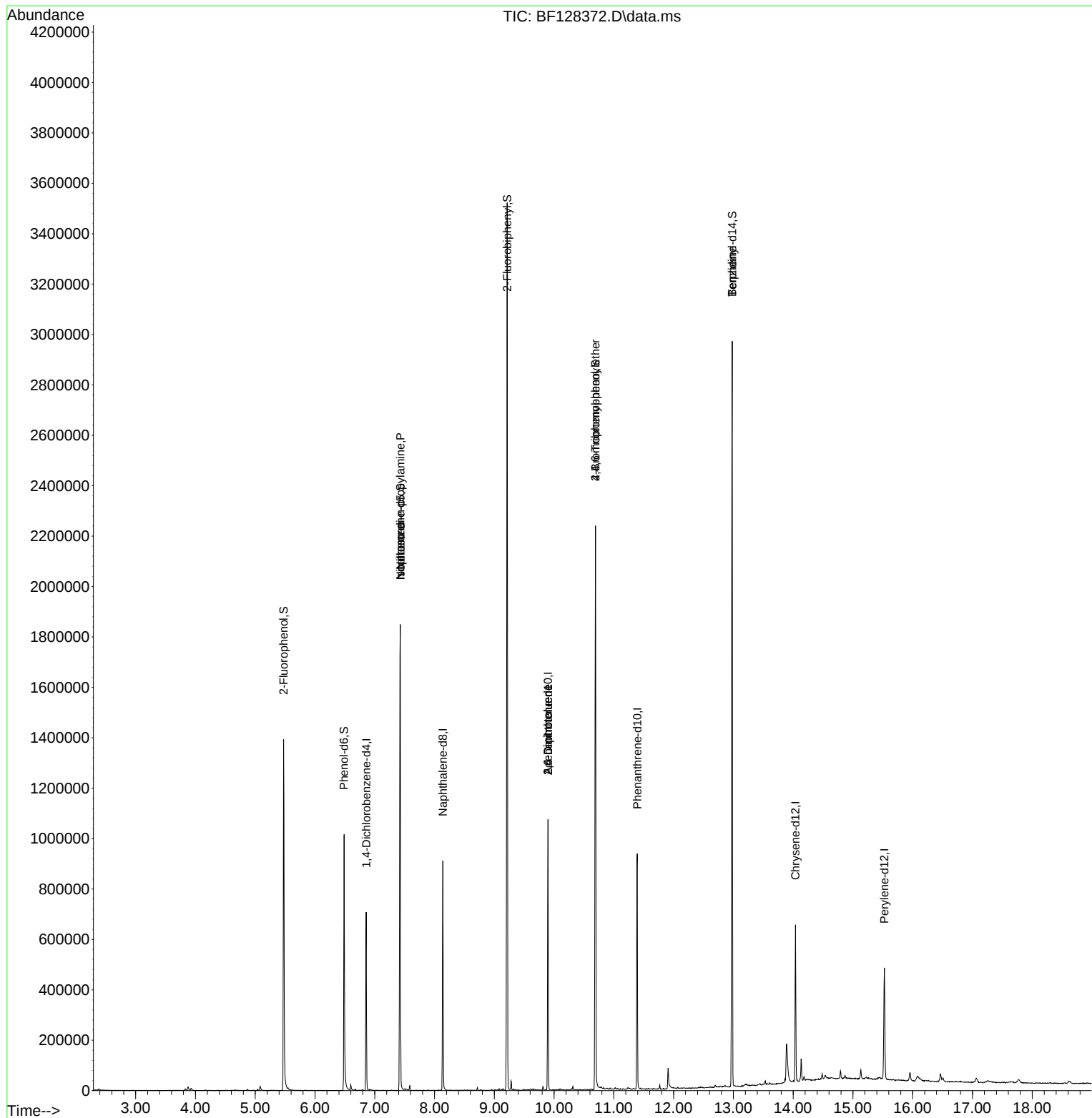
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	97979	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	369621	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	203590	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	352200	20.000	ng	0.00
76) Chrysene-d12	14.039	240	198348	20.000	ng	-0.01
86) Perylene-d12	15.527	264	196736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	379120	61.577	ng	0.00
7) Phenol-d6	6.487	99	315946	38.970	ng	-0.01
23) Nitrobenzene-d5	7.428	82	651270	78.946	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	261433	124.515	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1053201	84.598	ng	0.00
79) Terphenyl-d14	12.980	244	1046582	101.858	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	618	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	89165	18.389	ng	# 77
25) Isophorone	7.428	82	651336	51.521	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	26301	9.273	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	26301	7.360	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	16600	4.504	ng	# 1
77) Benizidine	12.980	184	15309	3.711	ng	# 91

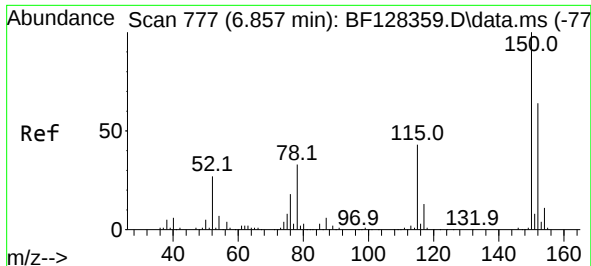
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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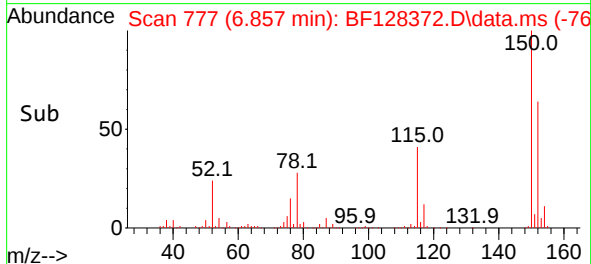
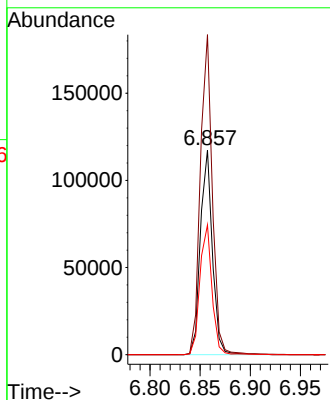
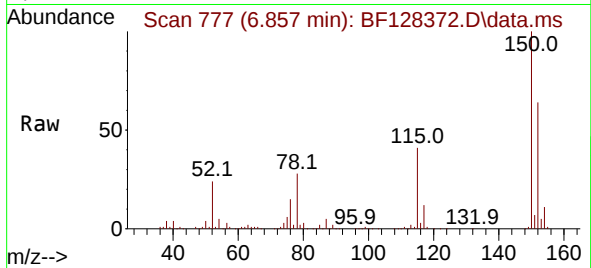




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

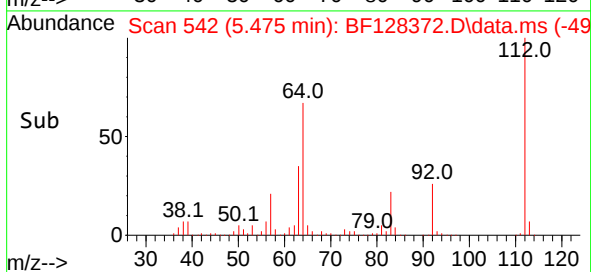
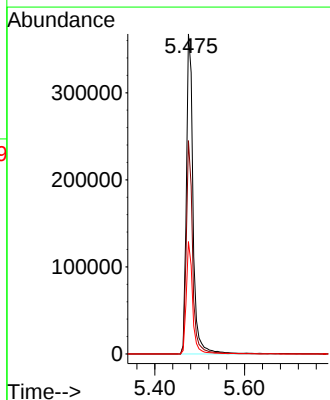
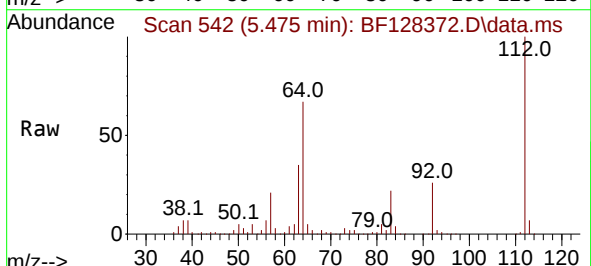
Instrument :
BNA_F
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MW-43

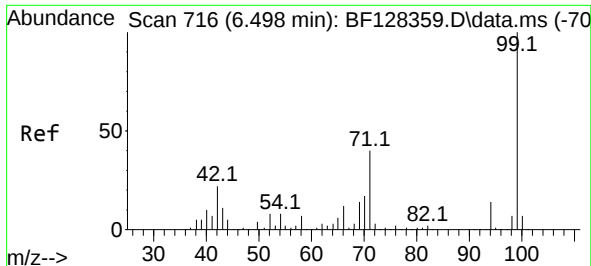
Tgt Ion:152 Resp: 97979
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 63.4 48.8 73.2



#5
2-Fluorophenol
Concen: 61.577 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

Tgt Ion:112 Resp: 379120
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 35.1 26.3 39.5

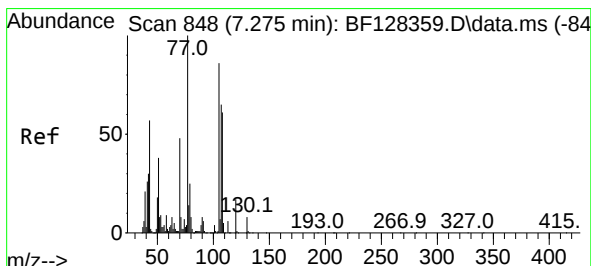
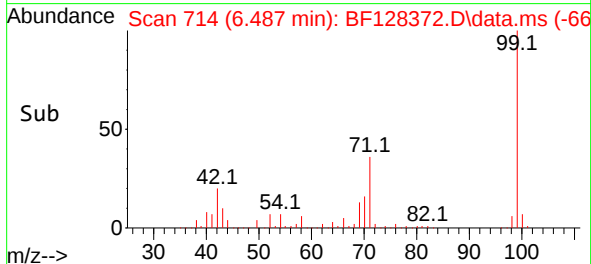
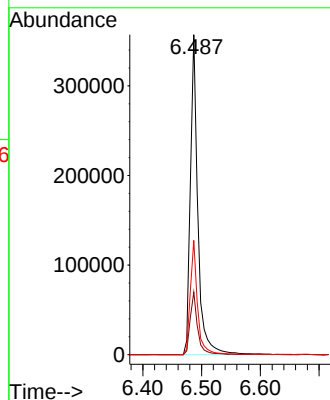
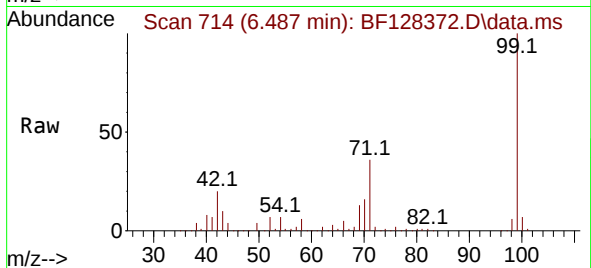




#7
Phenol-d6
Concen: 38.970 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

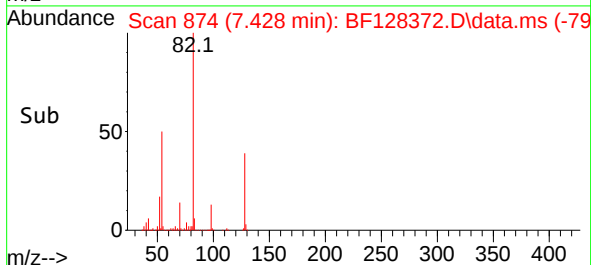
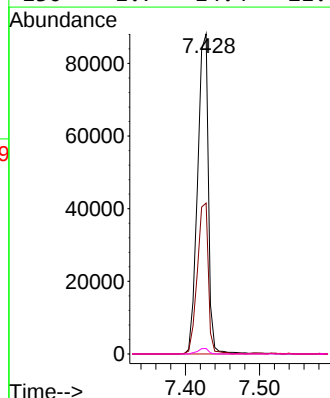
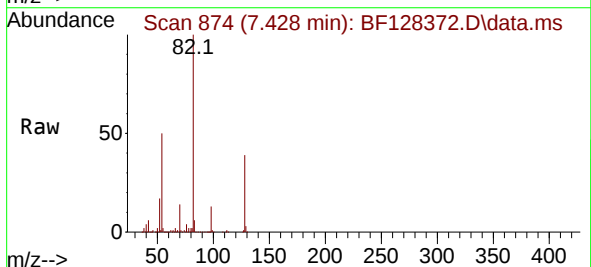
Instrument :
BNA_F
ClientSampleId :
MW-43

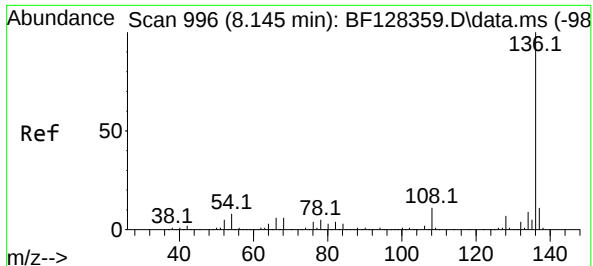
Tgt Ion: 99 Resp: 315946
Ion Ratio Lower Upper
99 100
42 19.5 16.6 24.8
71 35.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.389 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

Tgt Ion: 70 Resp: 89165
Ion Ratio Lower Upper
70 100
42 47.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



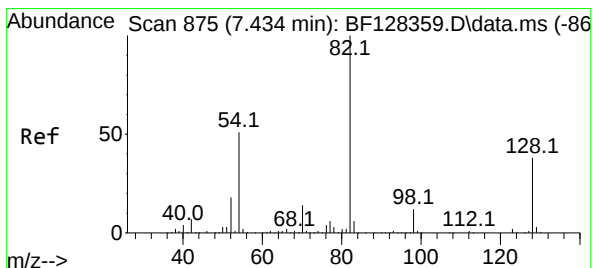
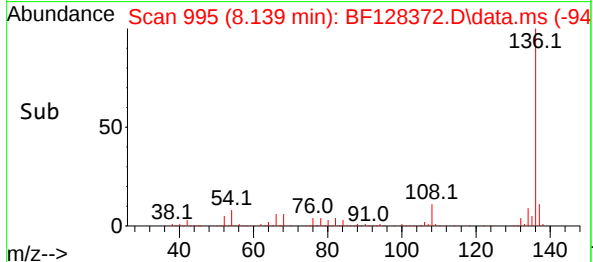
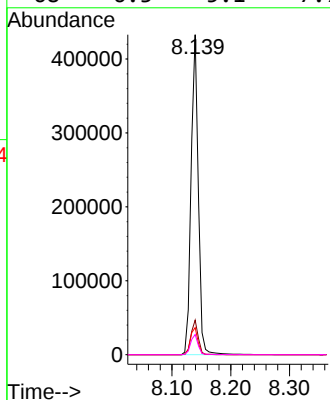
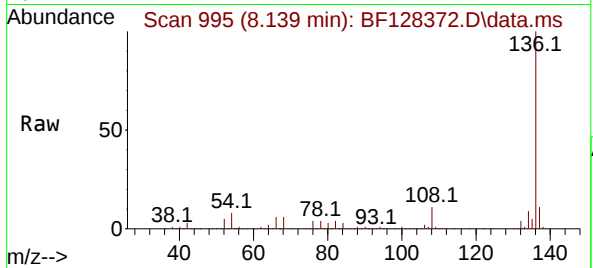


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

Instrument :
BNA_F
ClientSampleId :
MW-43

Tgt Ion:136 Resp: 369621

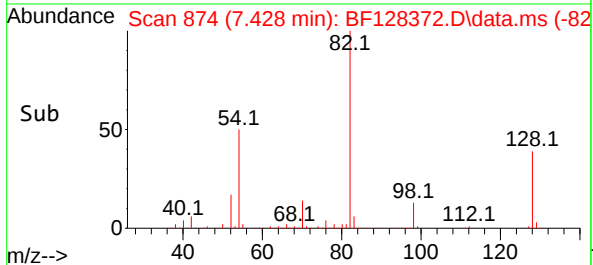
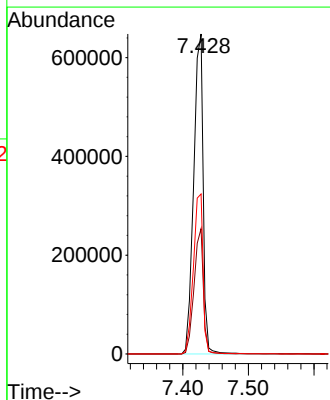
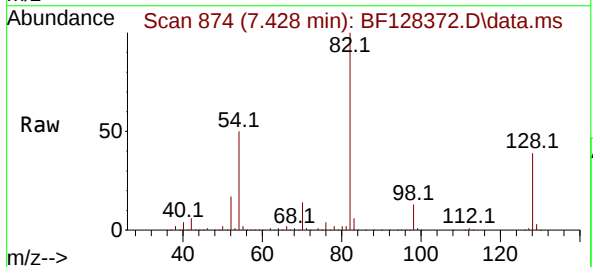
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 78.946 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

Tgt Ion: 82 Resp: 651270

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.0	45.0
54	50.0	41.3	61.9

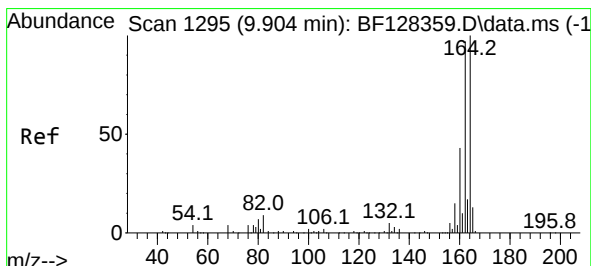
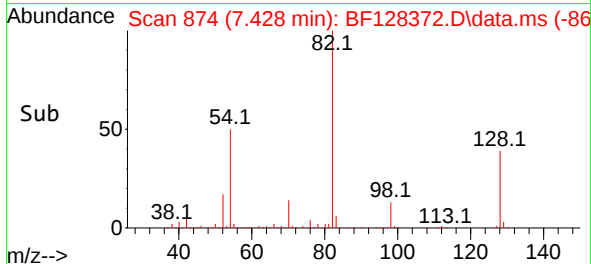
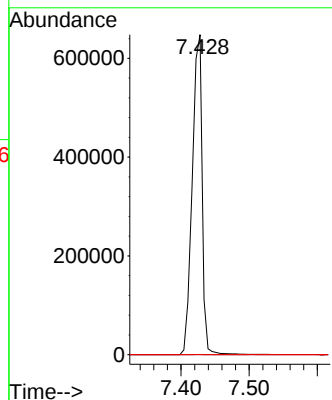
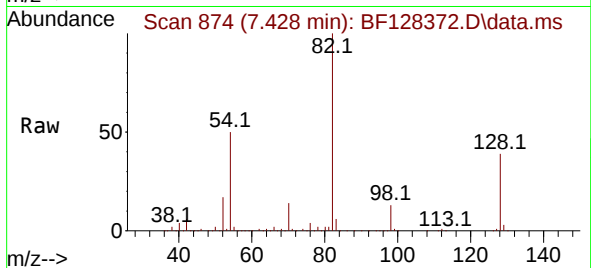




#25
Isophorone
Concen: 51.521 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

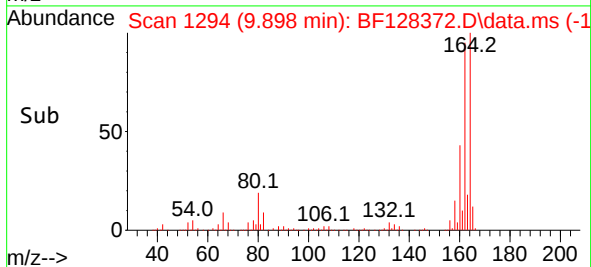
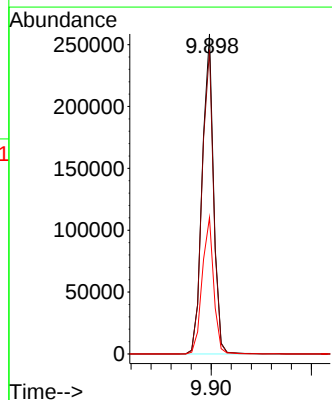
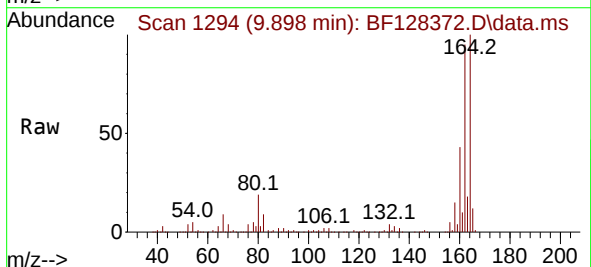
Instrument :
BNA_F
ClientSampleId :
MW-43

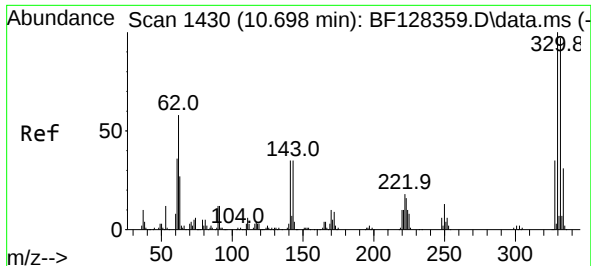
Tgt Ion: 82 Resp: 651336
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

Tgt Ion:164 Resp: 203590
Ion Ratio Lower Upper
164 100
162 95.1 76.0 114.0
160 42.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 124.515 ng

RT: 10.692 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128372.D

Acq: 20 May 2022 19:09

Instrument :

BNA_F

ClientSampleId :

MW-43

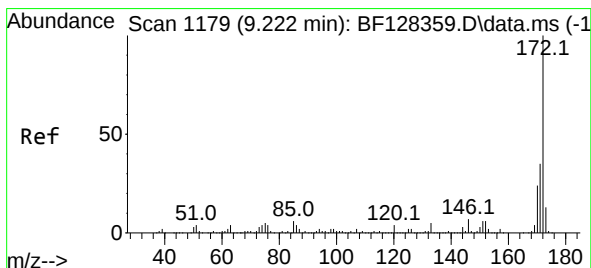
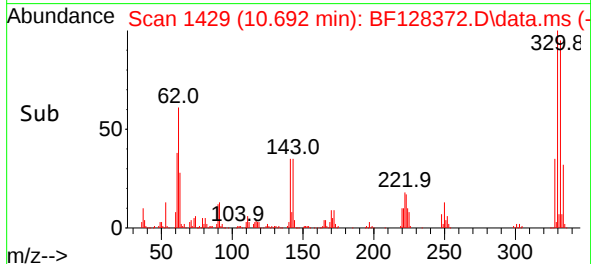
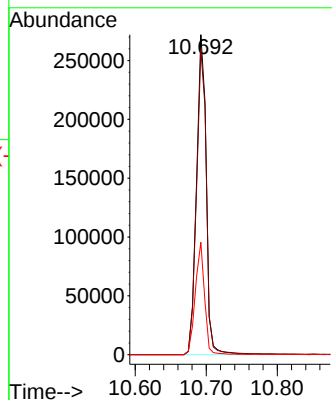
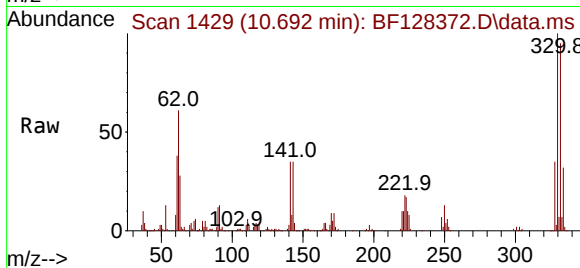
Tgt Ion:330 Resp: 261433

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.598 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128372.D

Acq: 20 May 2022 19:09

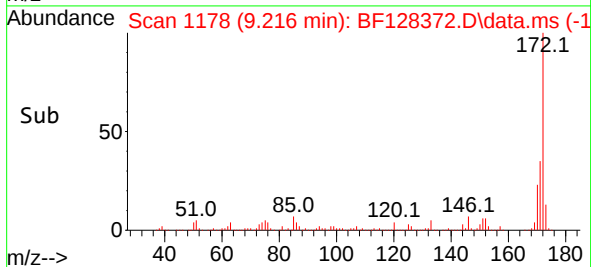
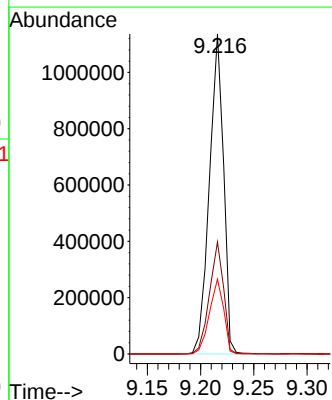
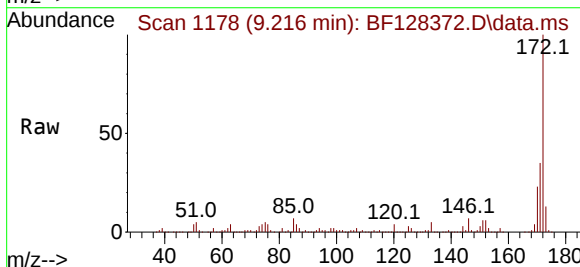
Tgt Ion:172 Resp: 1053201

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.4 19.1 28.7

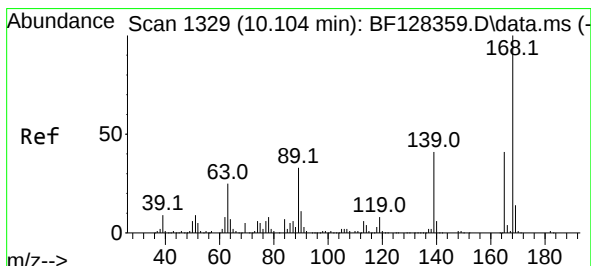
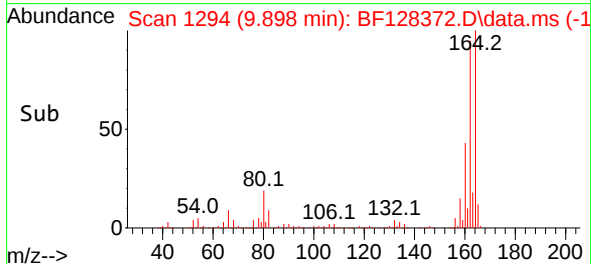
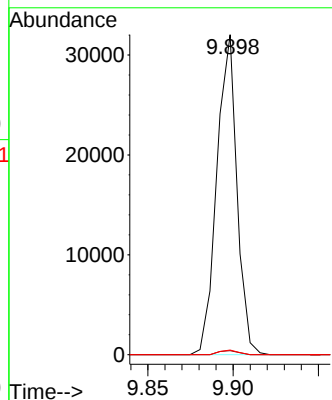
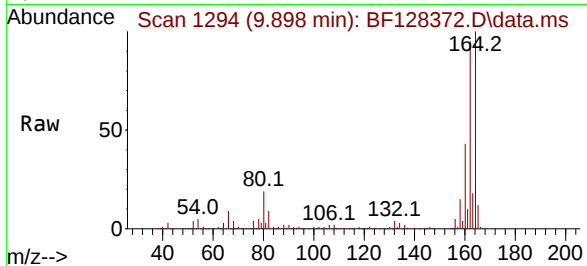




#51
2,6-Dinitrotoluene
Concen: 9.273 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

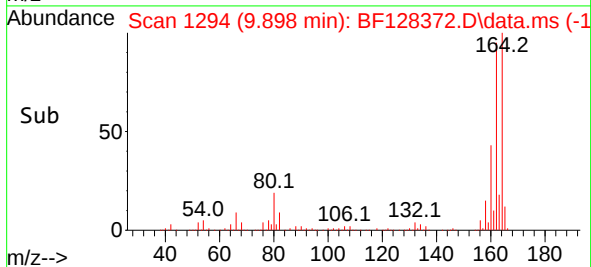
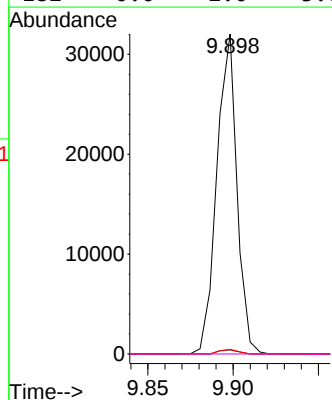
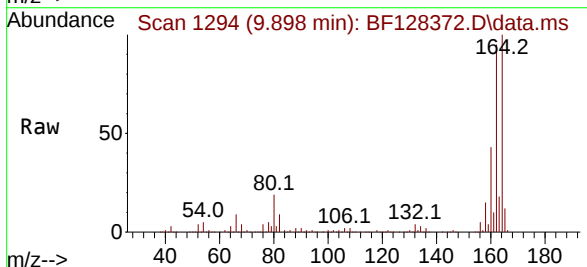
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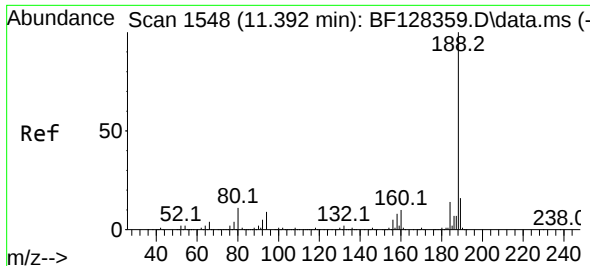
Tgt Ion:165 Resp: 26301
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.360 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

Tgt Ion:165 Resp: 26301
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

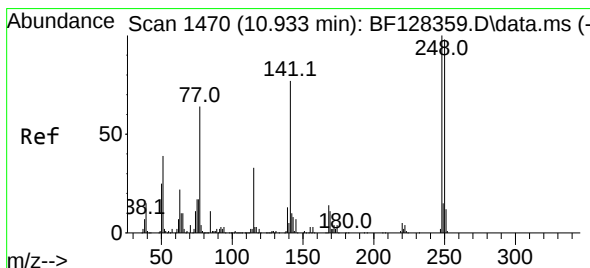
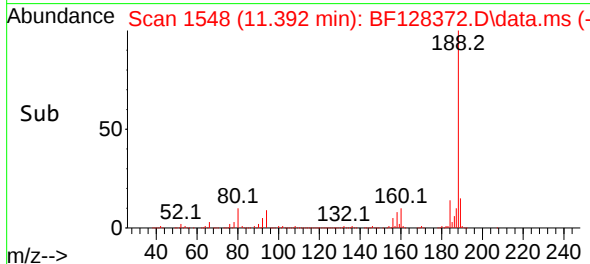
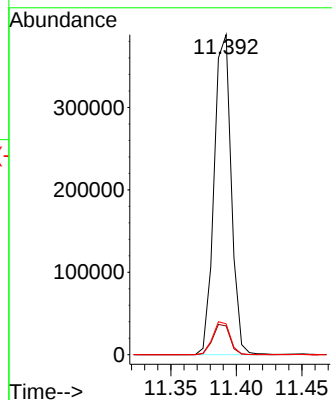
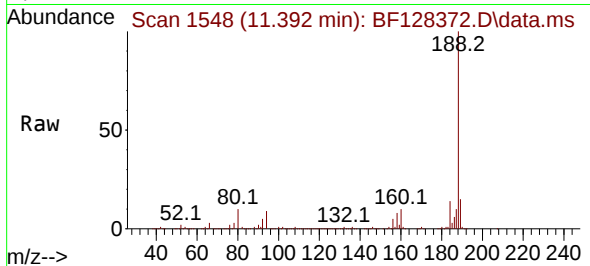




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

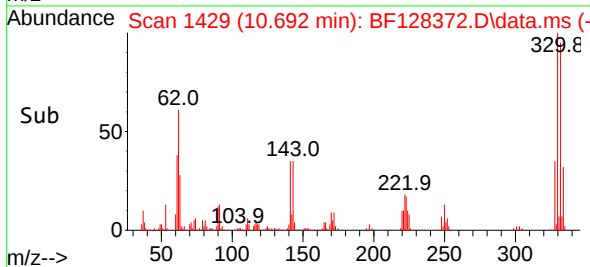
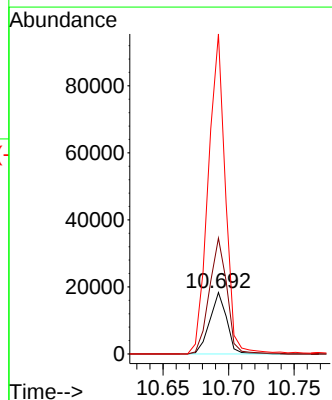
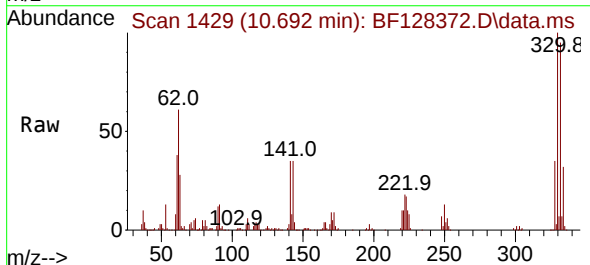
Instrument :
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MW-43

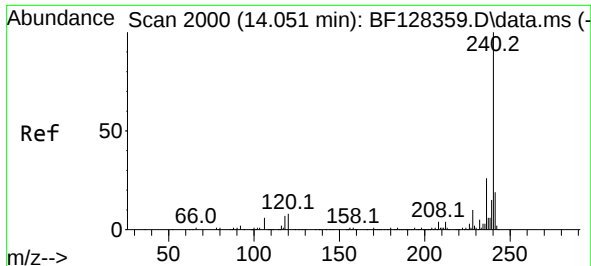
Tgt Ion:188 Resp: 352200
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.504 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

Tgt Ion:248 Resp: 16600
Ion Ratio Lower Upper
248 100
250 188.7 77.7 116.5#
141 520.9 65.6 98.4#

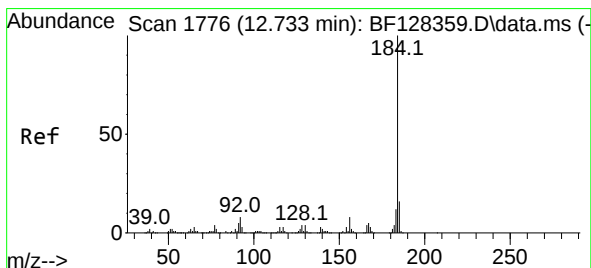
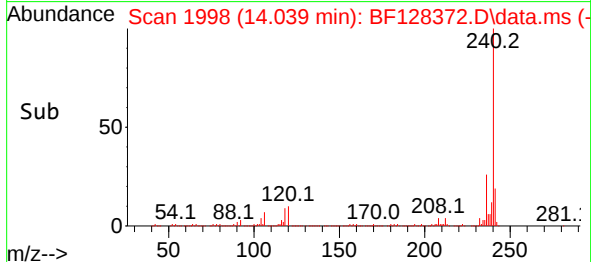
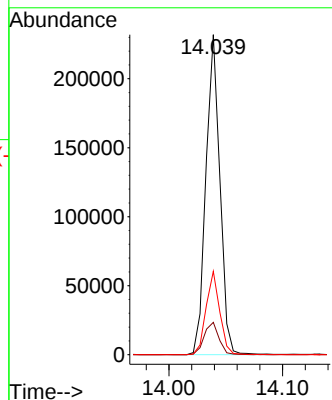
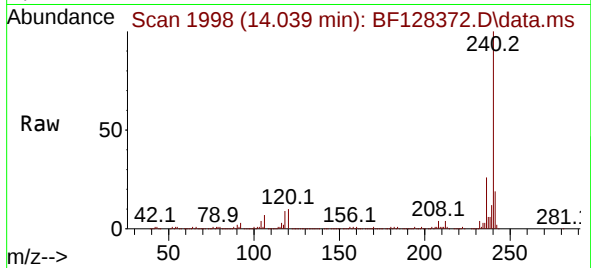




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

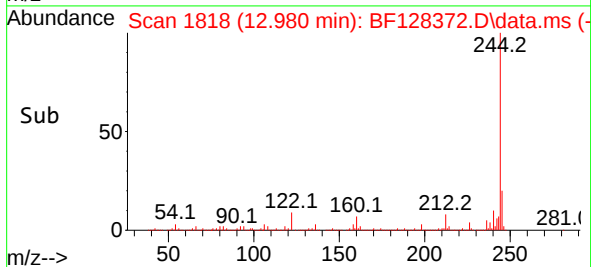
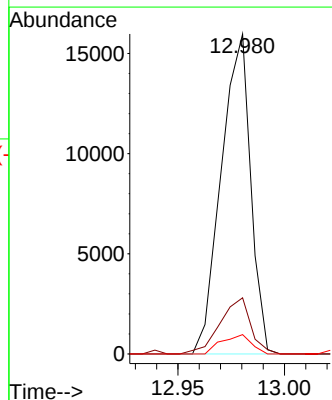
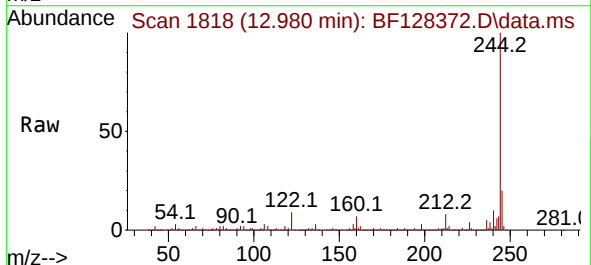
Instrument :
BNA_F
ClientSampleId :
MW-43

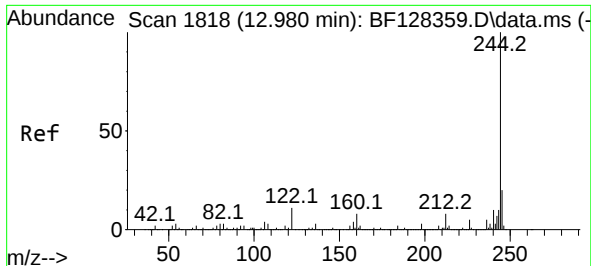
Tgt Ion:240 Resp: 198348
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 26.1 20.3 30.5



#77
Benzidine
Concen: 3.711 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128372.D
Acq: 20 May 2022 19:09

Tgt Ion:184 Resp: 15309
Ion Ratio Lower Upper
184 100
185 17.6 12.1 18.1
183 6.1 9.0 13.4#

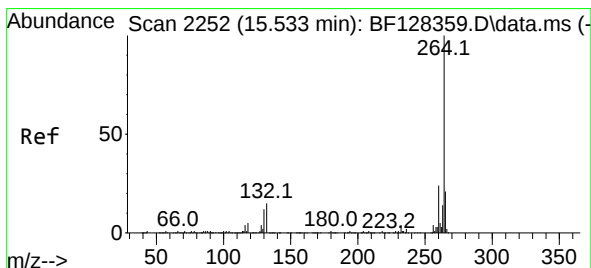
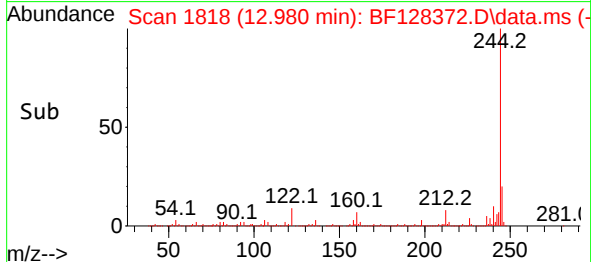
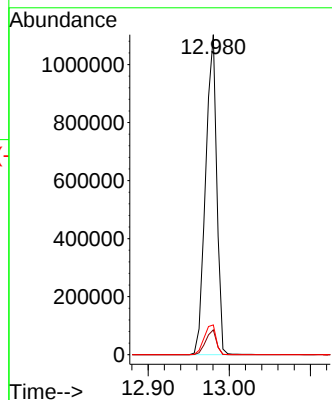
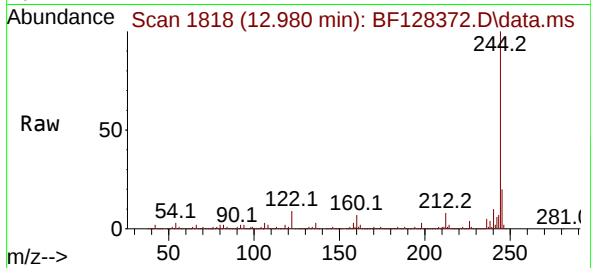




#79
 Terphenyl-d14
 Concen: 101.858 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128372.D
 Acq: 20 May 2022 19:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-43

Tgt Ion:244 Resp: 1046582
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128372.D
 Acq: 20 May 2022 19:09

Tgt Ion:264 Resp: 196736
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 21.8 17.5 26.3

