

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128371.D
 Acq On : 20 May 2022 18:39
 Operator : CG\JU
 Sample : N2943-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-42

Quant Time: May 23 02:39:21 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)

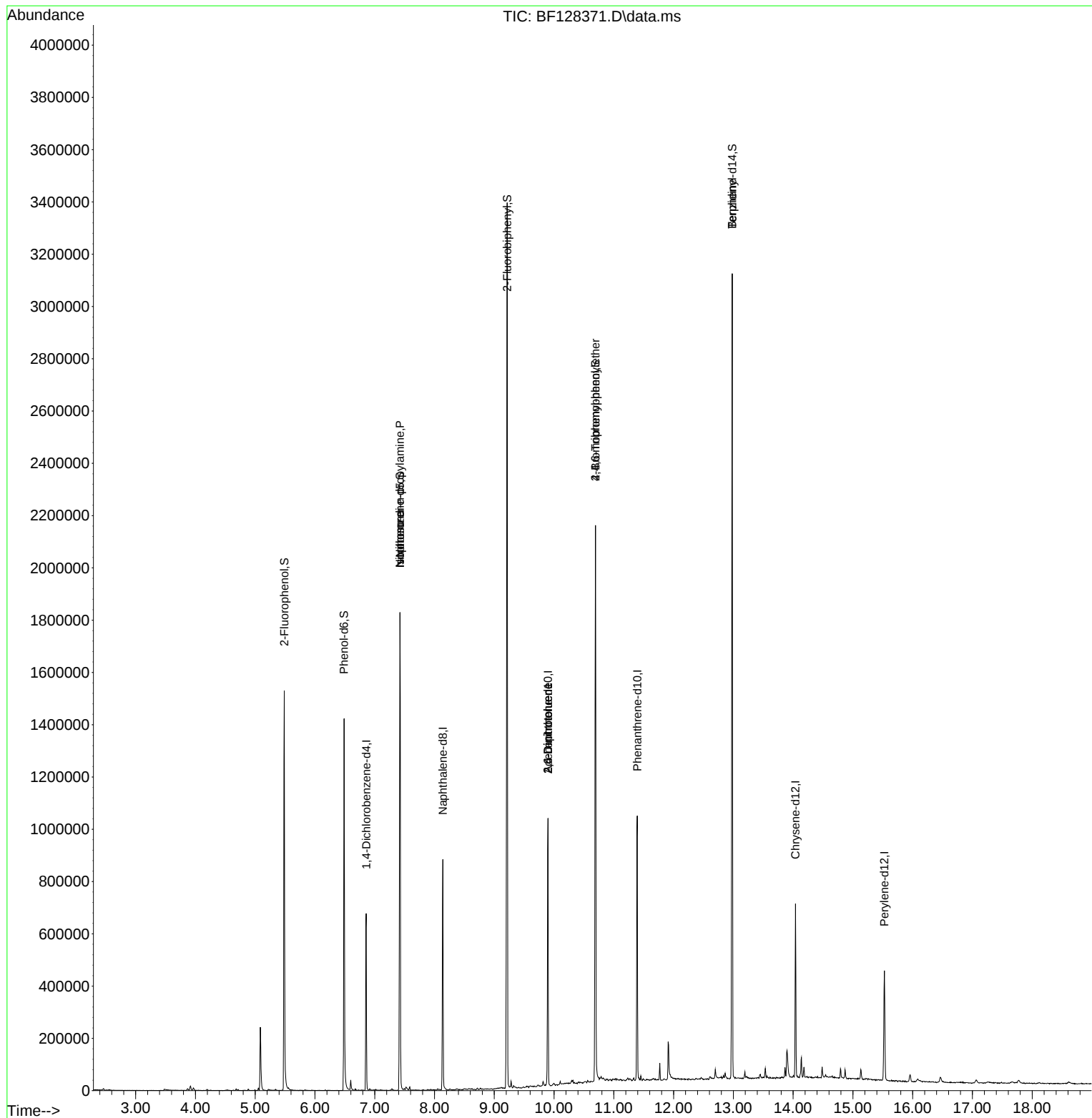
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	98260	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	388393	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	217229	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	382190	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	213420	20.000	ng	-0.01
86) Perylene-d12	15.527	264	181608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	405023	65.596	ng	0.00
7) Phenol-d6	6.487	99	443724	54.575	ng	-0.01
23) Nitrobenzene-d5	7.422	82	674854	77.851	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	262492	117.169	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1084950	81.677	ng	0.00
79) Terphenyl-d14	12.980	244	1018039	92.083	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	845	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	92357	18.993	ng	# 79
25) Isophorone	7.422	82	674849	50.801	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	28284	9.346	ng	# 22
57) 2,4-Dinitrotoluene	9.898	165	28284	7.418	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	16100	4.025	ng	# 1
77) Benizidine	12.980	184	15398	3.469	ng	# 94

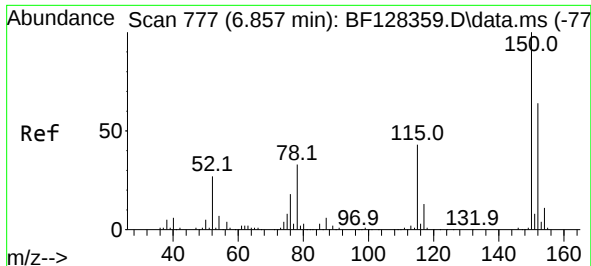
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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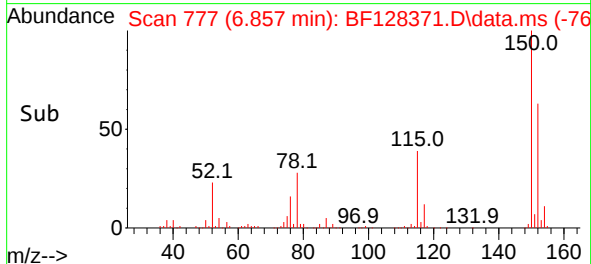
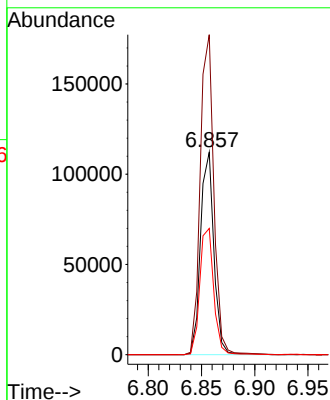
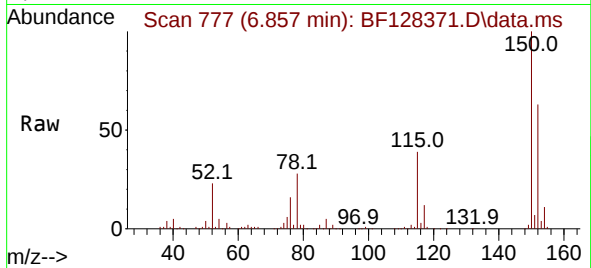




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128371.D
 Acq: 20 May 2022 18:39

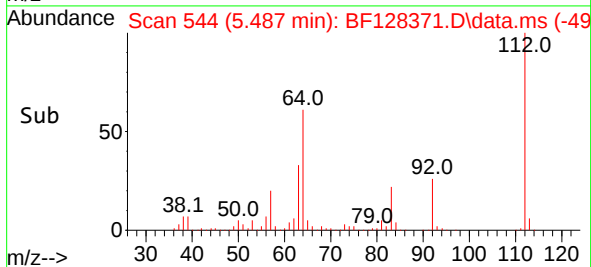
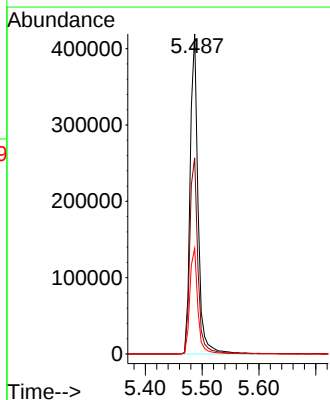
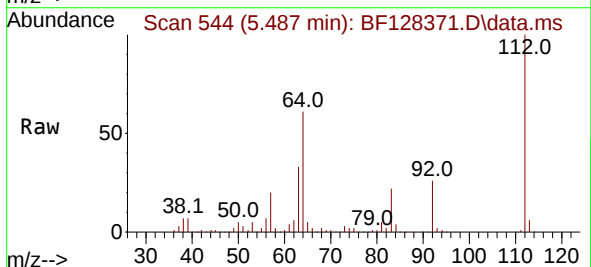
Instrument :
 BNA_F
 ClientSampleId :
 MW-42

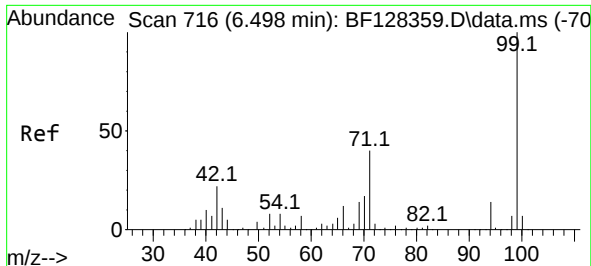
Tgt Ion:152 Resp: 98260
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.3 187.9
 115 62.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 65.596 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF128371.D
 Acq: 20 May 2022 18:39

Tgt Ion:112 Resp: 405023
 Ion Ratio Lower Upper
 112 100
 64 61.3 49.5 74.3
 63 33.0 26.3 39.5

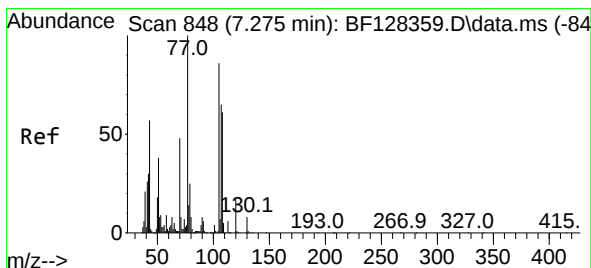
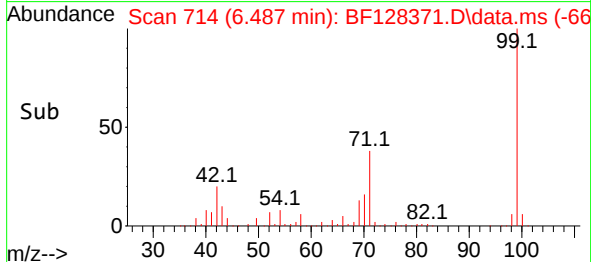
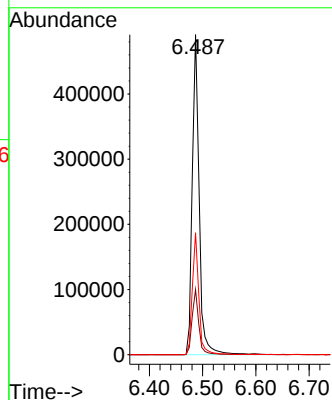
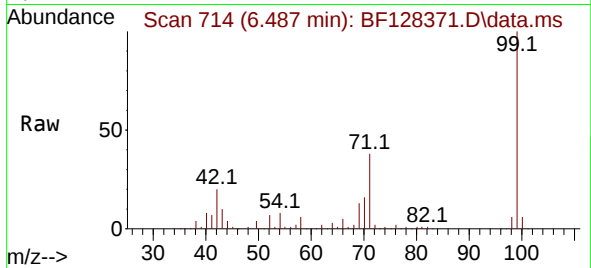




#7
Phenol-d6
Concen: 54.575 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

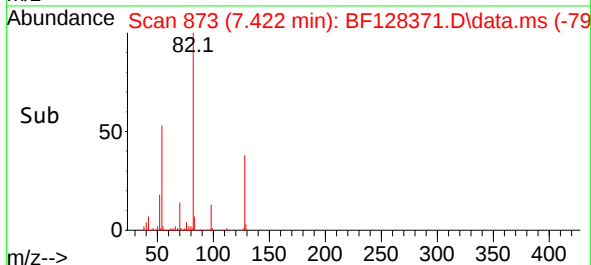
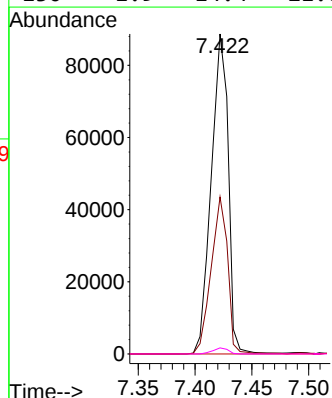
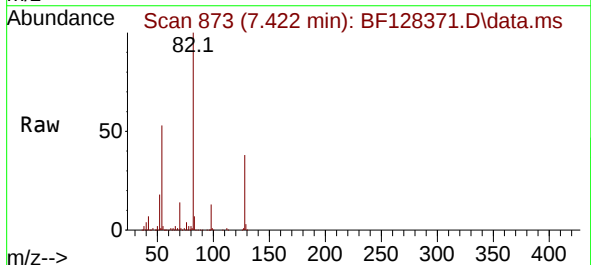
Instrument :
BNA_F
ClientSampleId :
MW-42

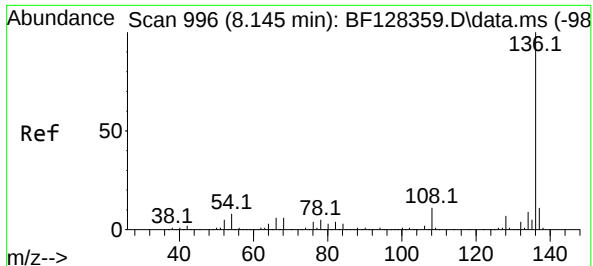
Tgt Ion: 99 Resp: 443724
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 38.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.993 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

Tgt Ion: 70 Resp: 92357
Ion Ratio Lower Upper
70 100
42 49.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 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: BF128371.D

Acq: 20 May 2022 18:39

Instrument :

BNA_F

ClientSampleId :

MW-42

Tgt Ion:136 Resp: 388393

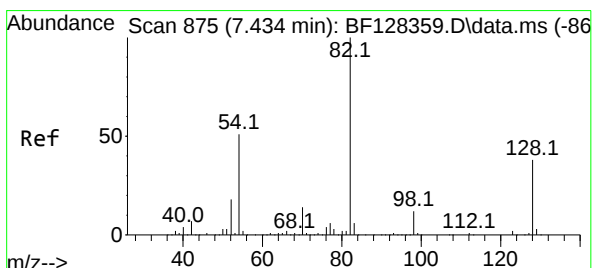
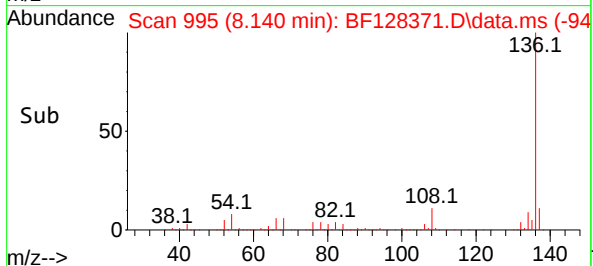
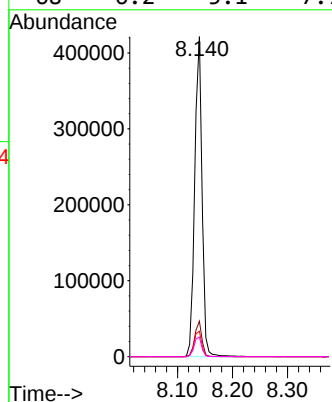
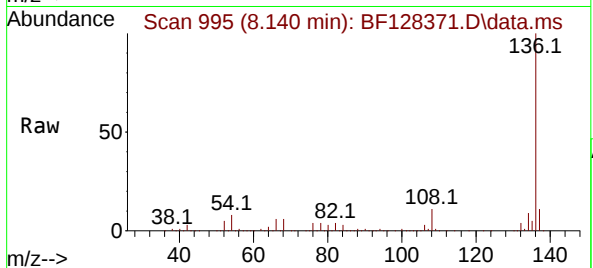
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.0 6.8 10.2

68 6.2 5.1 7.7



#23

Nitrobenzene-d5

Concen: 77.851 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF128371.D

Acq: 20 May 2022 18:39

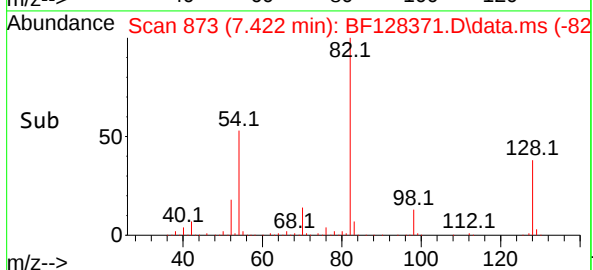
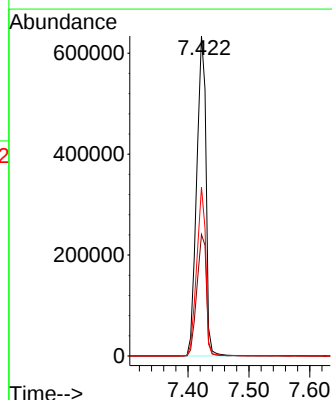
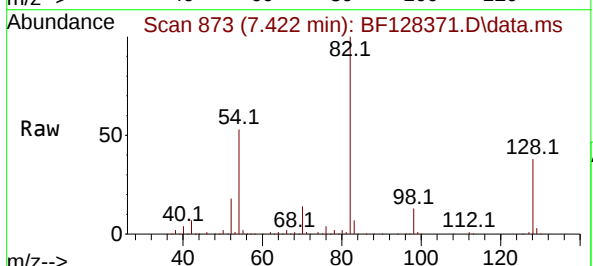
Tgt Ion: 82 Resp: 674854

Ion Ratio Lower Upper

82 100

128 38.0 30.0 45.0

54 52.8 41.3 61.9

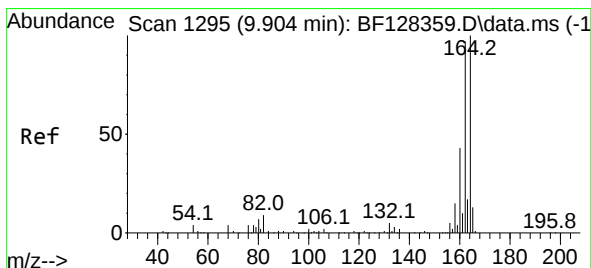
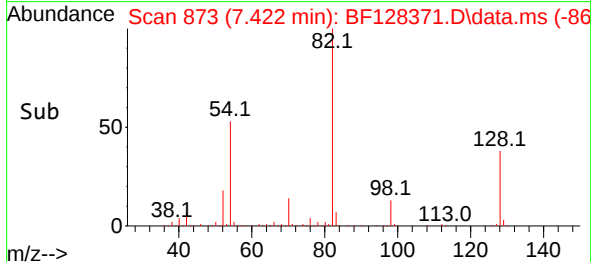
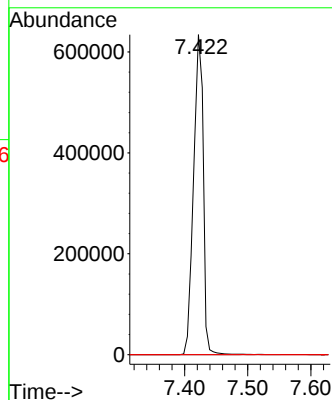
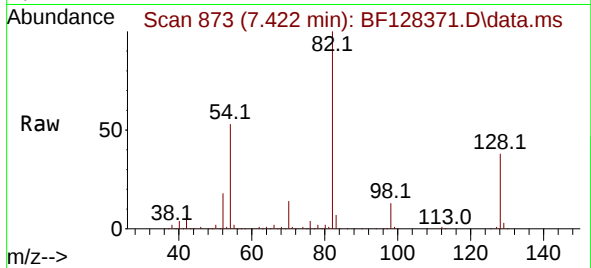




#25
Isophorone
Concen: 50.801 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

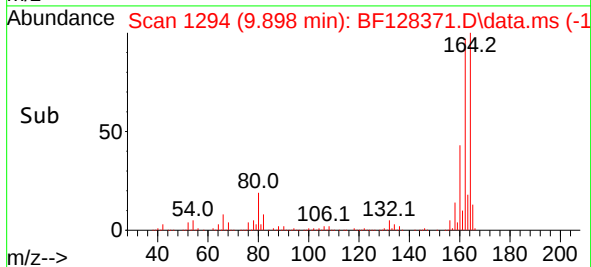
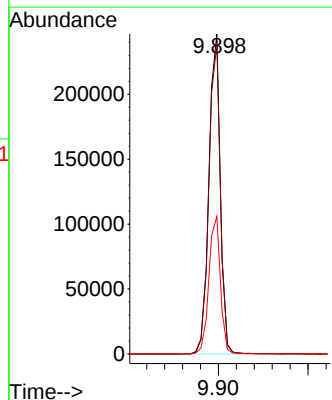
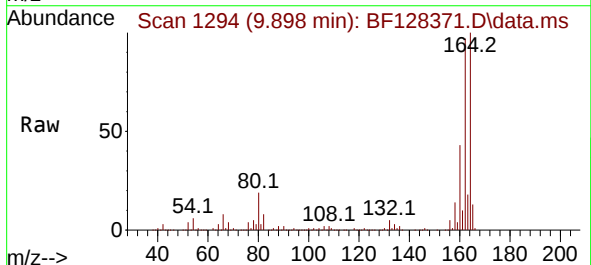
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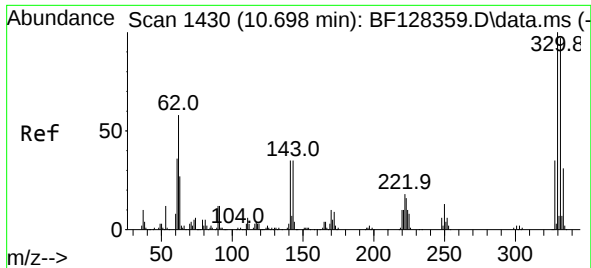
Tgt Ion: 82 Resp: 674849
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

Tgt Ion:164 Resp: 217229
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.0 34.8 52.2

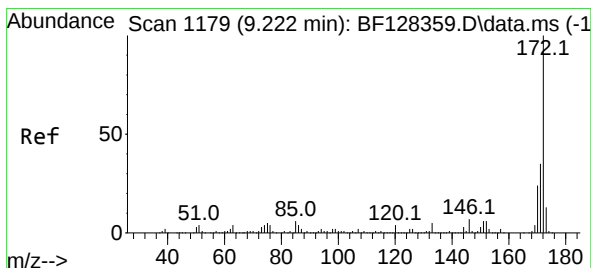
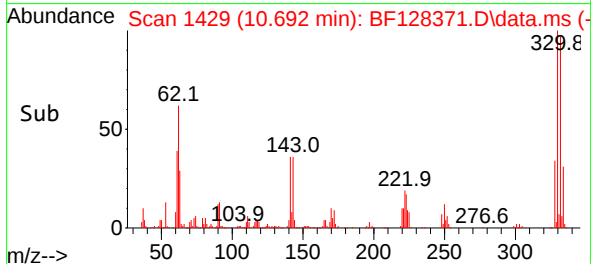
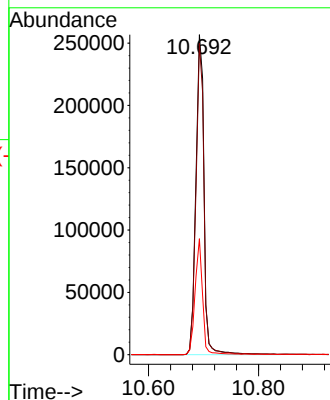
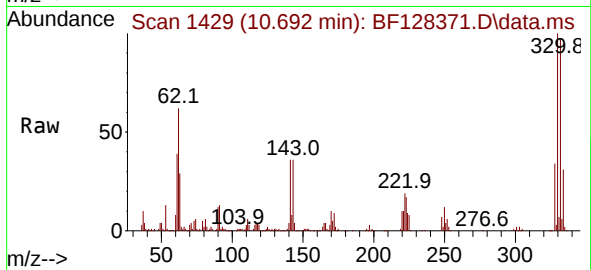




#42
2,4,6-Tribromophenol
Concen: 117.169 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

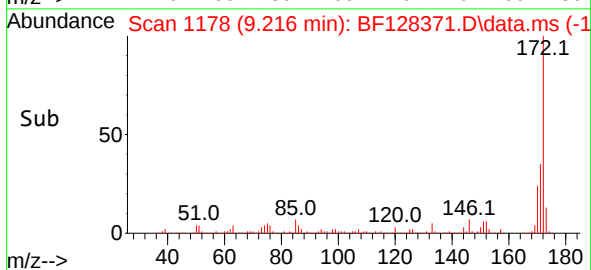
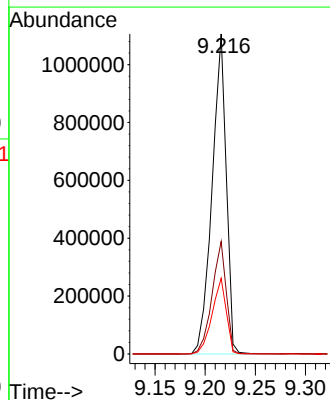
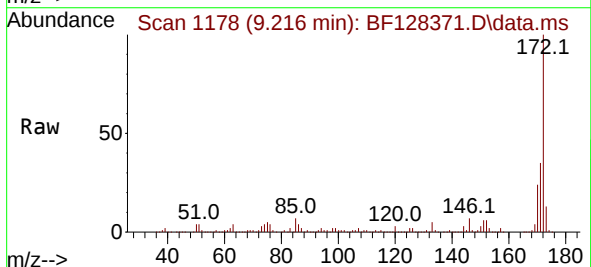
Instrument :
BNA_F
ClientSampleId :
MW-42

Tgt Ion:330 Resp: 262492
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 33.7 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 81.677 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

Tgt Ion:172 Resp: 1084950
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.346 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128371.D

Acq: 20 May 2022 18:39

Instrument :

BNA_F

ClientSampleId :

MW-42

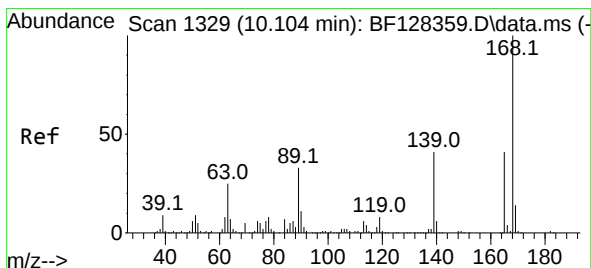
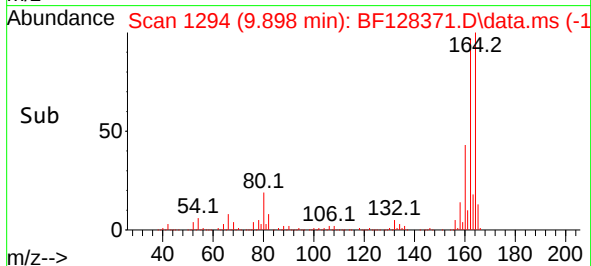
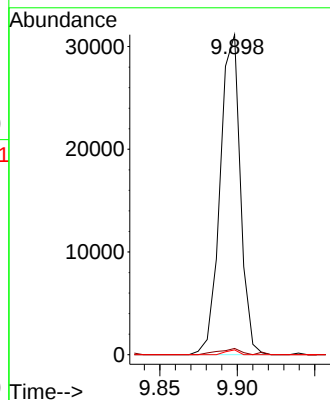
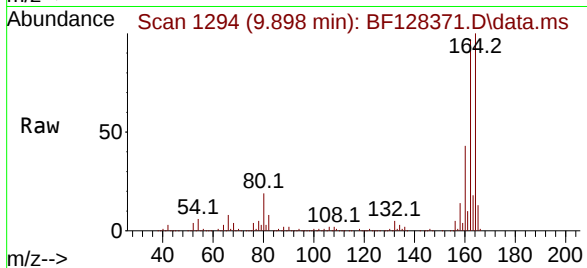
Tgt Ion:165 Resp: 28284

Ion Ratio Lower Upper

165 100

63 2.0 49.5 74.3#

89 1.5 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.418 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128371.D

Acq: 20 May 2022 18:39

Tgt Ion:165 Resp: 28284

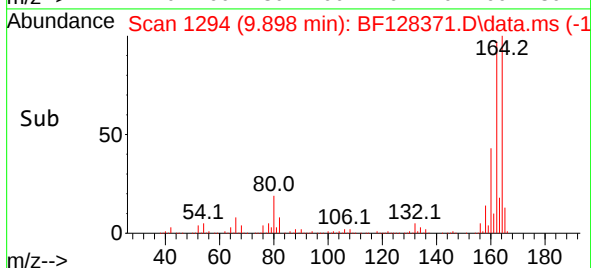
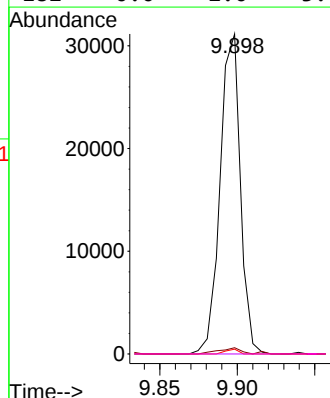
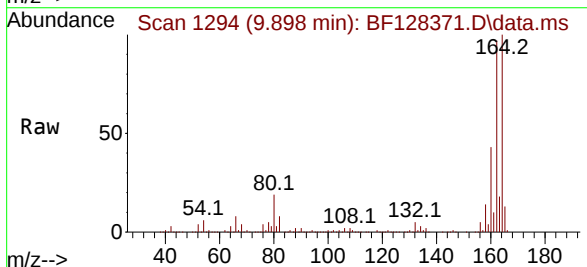
Ion Ratio Lower Upper

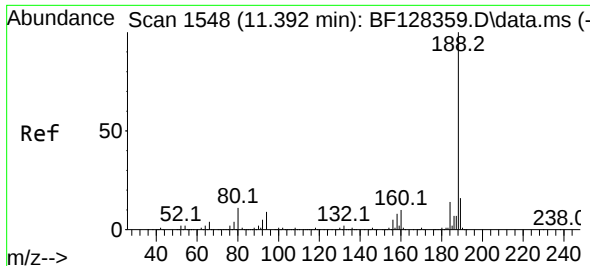
165 100

63 2.0 32.6 49.0#

89 1.5 55.2 82.8#

182 0.0 2.0 3.0#

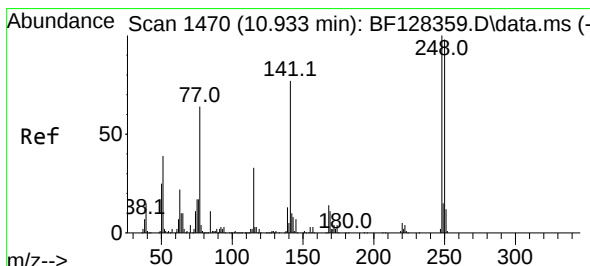
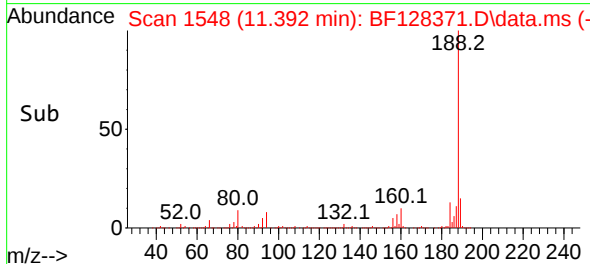
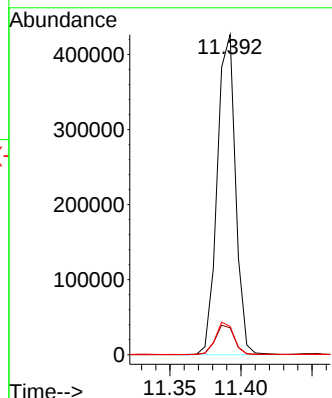
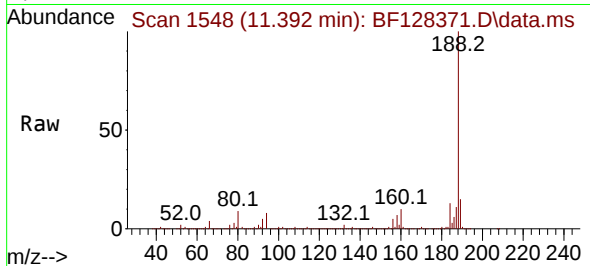




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

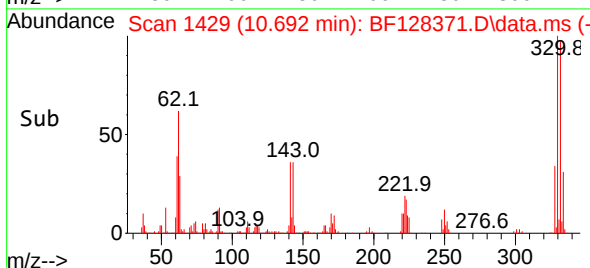
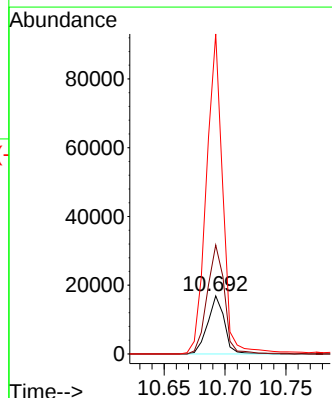
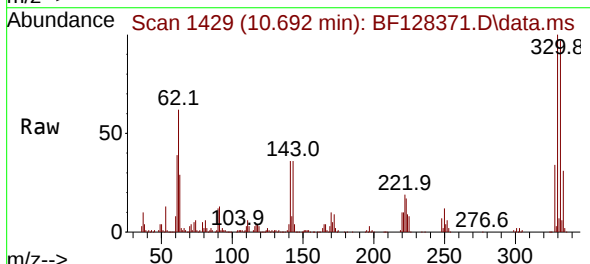
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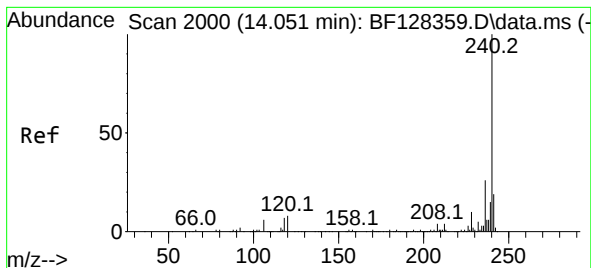
Tgt Ion:188 Resp: 382190
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.8 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 4.025 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

Tgt Ion:248 Resp: 16100
Ion Ratio Lower Upper
248 100
250 187.4 77.7 116.5#
141 550.2 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: BF128371.D

Acq: 20 May 2022 18:39

Instrument :

BNA_F

ClientSampleId :

MW-42

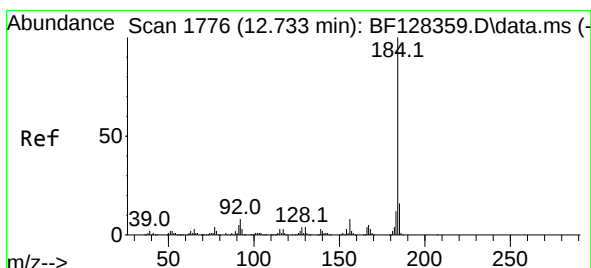
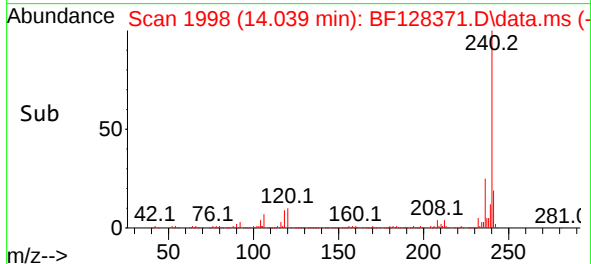
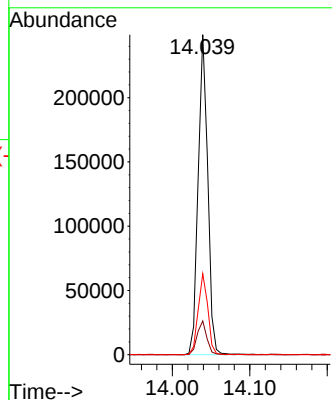
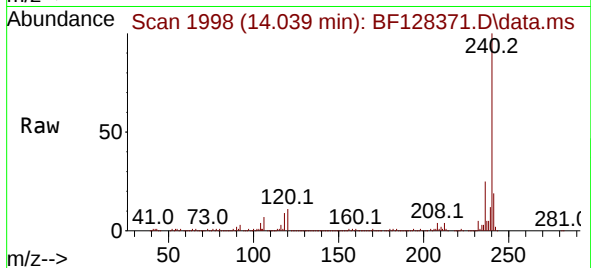
Tgt Ion:240 Resp: 213420

Ion Ratio Lower Upper

240 100

120 10.5 7.0 10.6

236 25.3 20.3 30.5



#77

Benzidine

Concen: 3.469 ng

RT: 12.980 min Scan# 1818

Delta R.T. 0.247 min

Lab File: BF128371.D

Acq: 20 May 2022 18:39

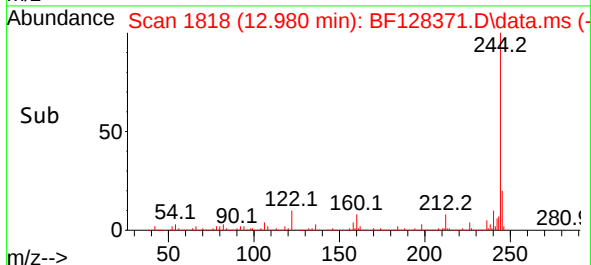
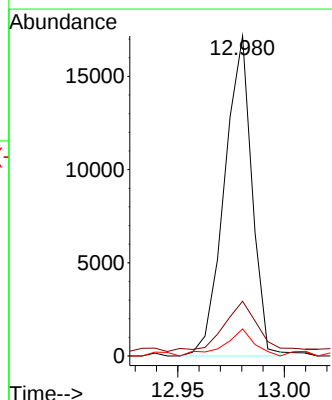
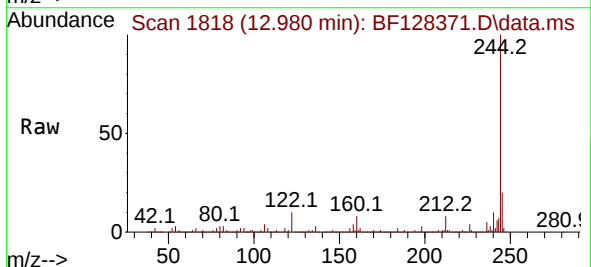
Tgt Ion:184 Resp: 15398

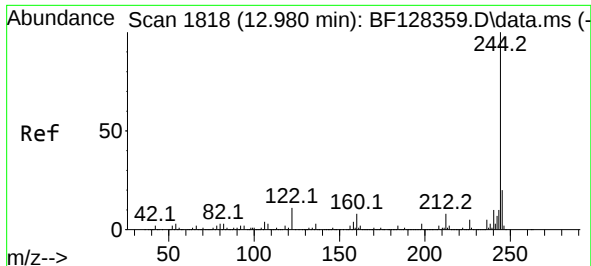
Ion Ratio Lower Upper

184 100

185 17.1 12.1 18.1

183 8.4 9.0 13.4#

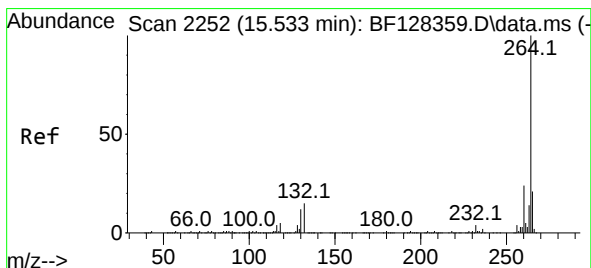
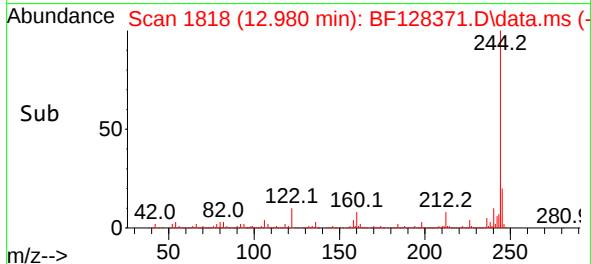
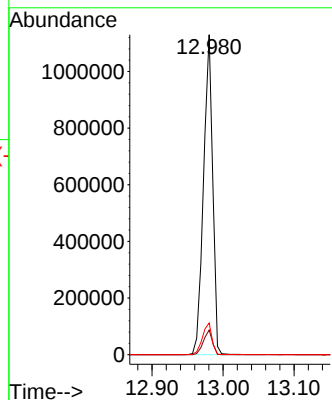
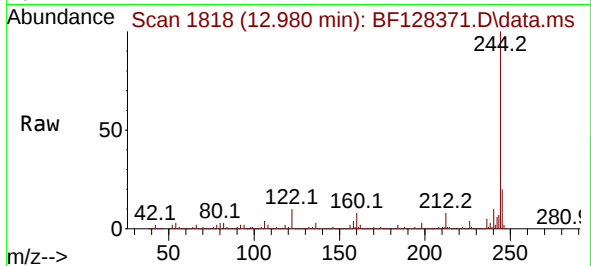




#79
 Terphenyl-d14
 Concen: 92.083 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128371.D
 Acq: 20 May 2022 18:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-42

Tgt Ion:244 Resp: 1018039
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.9 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: BF128371.D
 Acq: 20 May 2022 18:39

Tgt Ion:264 Resp: 181608
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.1 30.1
 265 21.1 17.5 26.3

